

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	116	netcentric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 09:20
L2	74	I1 and ((help adj desk) or helpdesk with support\$3) and (security with (tool or utility or software))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2007/09/20 07:59
L3	52	(software near3 distrib\$6) and(monitor\$3) and (fault near3 manag\$7) and (security) and (perform\$4) and (licens\$3 near3 manag\$5) and (help adj desk) and (production with control) and (remot\$4 with manag\$7)	US-PGPUB; USPAT	OR	ON	2007/09/20 08:01
L4	54	(software near3 distrib\$6) and(monitor\$3) and (fault near3 manag\$7) and (security) and (perform\$4) and (licens\$3 near3 manag\$5) and (help adj desk) and (production with control) and (remot\$4 with manag\$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 09:47
L5	2	((software application) with distribut\$3) and (configur\$5) and (performance) and (license) and ((fault recover\$3)) and (capcity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 08:11
L6	2	("6874010").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 08:11
L7	2	("6988249").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 08:11

EAST Search History

L8	2	("7020697").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 08:12
L9	2	("7068680").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 08:32
L10	2	("6289382").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 08:32
L11	2	("6874010").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 08:33
L12	2	("6988249").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 08:33
L13	2	("7020697").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 08:34
L14	2	("7068680").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 08:34
L15	65	((helpdesk)(help near2 desk)) with (support\$3 with personnel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 08:36

EAST Search History

L16	87	((helpdesk)(help near2 desk)) with ((support\$3 resource maintai\$4) with personnel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 08:37
L17	4	I1 and 709/219.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 09:22
L18	11	I1 and 709/203.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 09:22
L19	4	I1 and 709/224.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 09:22
L20	5	I1 and 709/217.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 09:21
L21	2	I16 and 709/219.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 09:22
L22	1	I16 and 709/203.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 09:22

EAST Search History

L23	5	I16 and 709/224.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 09:22
L24	2	("6874010").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/20 09:47
S1	66	netcentric	US-PGPUB; USPAT	OR	ON	2004/11/16 13:12
S2	55	netcentric and (software with distrib\$6) and(monitor\$3) and (fault adj2 manag\$7)	US-PGPUB; USPAT	OR	ON	2004/11/16 13:15
S3	55	netcentric and (software with distrib\$6) and(monitor\$3) and (fault adj2 manag\$7) and (security) and (perform\$4) and licens\$3	US-PGPUB; USPAT	OR	ON	2004/11/16 13:16
S4	55	netcentric and (software with distrib\$6) and(monitor\$3) and (fault adj2 manag\$7) and (security) and (perform\$4) and licens\$3 and (help adj desk)	US-PGPUB; USPAT	OR	ON	2004/11/16 13:17
S5	55	netcentric and (software with distrib\$6) and(monitor\$3) and (fault adj2 manag\$7) and (security) and (perform\$4) and licens\$3 and (help adj desk) and tool	US-PGPUB; USPAT	OR	ON	2004/11/16 13:17
S6	55	netcentric and (software with distrib\$6) and(monitor\$3) and (fault adj2 manag\$7) and (security) and (perform\$4) and licens\$3 and (help adj desk) and (production with control)	US-PGPUB; USPAT	OR	ON	2004/11/16 13:18
S7	55	netcentric and (software with distrib\$6) and(monitor\$3) and (fault adj2 manag\$7) and (security) and (perform\$4) and licens\$3 and (help adj desk) and (production with control) and (remot\$4 with manag\$7)	US-PGPUB; USPAT	OR	ON	2004/11/16 13:20

File 348:EUROPEAN PATENTS 1978-2007/ 200738

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File 349:PCT FULLTEXT 1979-2007/UB=20070913UT=20070906

(c) 2007 WIPO/Thomson

Set	Items	Description
S1	1051737	MAINTENANCE OR MAINTAIN? OR MANAG??? OR MANAGEMENT
S2	153717	S1(5N)(SERVICES OR TOOLS OR RESOURCES OR SYSTEM? ? OR EQUIPMENT?)
S3	66936	(SOFTWARE OR APPLICATION? ? OR APP? ?)(3N)(DISTRIBUT? OR DELIVER??? OR INSTALL??? OR INSTALLATION OR DISSEMINAT? OR PUSH?? OR LOAD??? OR DEPLOY?)
S4	601661	CONFIGURATION OR ASSET?
S5	50465	(FAULT? ? OR FAIL???? OR MALFUNCTION? OR EVENT? ?)(5N)(MANAG??? OR MANAGEMENT OR DIAGNOS? OR CORRECT? OR RECOVER? OR REPAIR? OR RESTOR??? OR RESTORATION? OR ASSESS? OR EVALUAT?)
S6	37344	(S1 OR MONITOR? OR TRACK?)(5N)(CAPACITY OR USAGE OR LOAD)
S7	116745	(S1 OR MONITOR? OR TRACK?)(5N)(PERFORMANCE OR OPERATION? ?)
S8	13564	LICENSE
S9	218261	REMOTE
S10	66300	S1(5N)SECURITY OR ACCESS(3N)(CONTROL??? OR CONTROLL??? OR - PRIVILEGE? ?)
S11	36676	(ADMINISTRATION OR SUPPORT? OR ASSIST?)(3N)(USER? ? OR CLIENT? ? OR CUSTOMER? ?)
S12	1022	HELPDESK? OR HELP()DESK? ?
S13	112	NETCENTRIC OR NET()CENTRIC
S14	120343	SERVER?
S15	3262	S2(100N)S11
S16	1374	S15(100N)(S3 OR S5:S10 OR S12)
S17	37	S16(100N)S13
S18	601	S16(100N)S14
S19	603	S17:S18
S20	39	S19 AND PY=1963:1997
S21	78	S19 AND (AC=US OR AC=US/PR) AND AY=1978:1997
S22	84	S20:S21
S23	12392	S14(10N)S2
S24	23016	S1(5N)S4
S25	2249	S23(100N)(S24 OR S6:S7)
S26	718	S25(100N)(S3 OR S5 OR S10:S12)
S27	525	S26 NOT S19
S28	30	S27 AND PY=1963:1997
S29	62	S27 AND (AC=US OR AC=US/PR) AND AY=1978:1997
S30	67	S28:S29

? t22/5,k/12,14,19,22,39,44,54,61,77,83

22/5,K/12 (Item 12 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01058883

A network server platform for a hybrid fiber twisted pair local loop network service architecture

Netzwerksystem fur eine Dienstnetzwerkstruktur mit einem hybriden Faser/Koax- Teilnehmeranschlussystem

Plateforme serveur reseau pour une architecture de service reseau avec une terminaison d'abonne hybride fibre optique et cables coaxiaux

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 935364 A2 990811 (Basic)
EP 935364 A3 050330

APPLICATION (CC, No, Date): EP 98124499 981229;

PRIORITY (CC, No, Date): US 1582 971231

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04L-012/24; H04M-011/06

ABSTRACT EP 935364 A2

This invention provides a network server platform forming part of a new local loop network architecture designed to overcome the limitations of current art local access loop technologies. This invention allows end users to seamlessly connect to the numerous disparate networks in order to access the multiplicity of services that these networks have to offer. The network server platform allows interconnection between networks with varying networking protocols. The network server platform is a key component of the new architecture and interacts to allow for easy and seamless integration with network components on both the local access level as well as the core network. The network server platform offers external networking capabilities to the local access network. As a result, the local access network terminates on the network server platform. The network server platform provides subscribers or end users the capabilities to access services from a multiplicity of disparate networks offering a variety of services.

ABSTRACT WORD COUNT: 155

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Search Report: 050330 A3 Separate publication of the search report
Application: 990811 A2 Published application without search report
Examination: 051012 A2 Date of request for examination: 20050812
Change: 051109 A2 Legal representative(s) changed 20050916

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9932	642
SPEC A	(English)	9932	16454
Total word count - document A			17096
Total word count - document B			0
Total word count - documents A + B			17096

CLAIMS 1. A **systems** management server for controlling user access to a plurality of communication networks, comprising:
a router...

...server described in Claim 1, where said communication network is an Internet.

8. A system management server for controlling user access to a plurality of communication networks comprising:
a router providing a gateway connection between said **systems** management server and said communication networks along at least one trunk line;
an applications server coupled...

...distributed data interface (FDDI) ring;
a database server for storing information supporting operation of said **systems** management server; coupled along said fiber distributed data interface ring; and

- an operations, administration, maintenance, and provision server coupled to said fiber distributed data interface ring for supporting operation of said user access to said communications network.
- a connection manager coupled along said fiber distributed data interface ring supporting launching of applications stored in said applications server;
- and said connection manager capable of supporting said operations, administration; maintenance and provisioning server.
9. The systems management server described in Claim 8, where said trunk line connecting said routes to said communication networks operates using a SONET protocol.
10. The systems management server described in Claim 8, where said trunk line connecting said routes to said communication networks operates using a TR303 protocol.
11. The systems management server described in Claim 8, where said communication networks is an SS7 network.
12. The...
- ...initiating or denying said user access if said user access is granted, launching by said system management server of applications supporting said user access; and launching operations; administration; maintenance , and provisioning tools to support said user access.
16. A method for providing access to a user from signals sent from a plurality of a communication network, comprising the steps of: receiving said signal by a systems management server from said communication network where said signal contains information regarding setting up a connection between said user serviced by said systems management server and said communication network. processing said signal by said systems management server to determine if said user is authorized and available for said connection; and if said user is authorized and available for said connection; said systems management server setting up said connection by sending said signal to an access module supporting said user .

22/5,K/14 (Item 14 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00980423

SYSTEM AND METHOD FOR MONITORING AND MANAGEMENT OF TELECOMMUNICATIONS EQUIPMENT USING ENHANCED INTERNET ACCESS
SYSTEM UND VERFAHREN ZUR UBERWACHUNG UND VERWALTUNG VON

TELEKOMMUNIKATIONSANLAGEN MIT VERBESSERTEM INTERNETZUGRIFF
SYSTEME ET PROCEDE DE CONTROLE ET DE GESTION D'UN EQUIPEMENT DE
TELECOMMUNICATIONS AU MOYEN D'UN ACCES PERFECTIONNE A INTERNET

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 954917 A1 991110 (Basic)
EP 954917 B1 061129
WO 1998033302 980730

APPLICATION (CC, No, Date): EP 98903742 980123; WO 98US1496 980123
 PRIORITY (CC, No, Date): US 34874 P 970127; US 940827 970930
 DESIGNATED STATES: DE; ES; FR; GB; IT; SE
 RELATED DIVISIONAL NUMBER(S) - PN (AN):
 (EP 2006076753)
 INTERNATIONAL PATENT CLASS (V7): H04L-012/24; H04L-012/14
 INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):
 IPC + Level Value Position Status Version Action Source Office:
 H04L-0012/24 A I F B 20060101 19981110 H EP
 H04L-0012/14 A I L B 20060101 19981110 H EP
 CITED PATENTS (WO A): X Y A A A
 CITED REFERENCES (WO A):
 LARSEN A K: "THE NEXT WEB WAVE: NETWORK MANAGEMENT" DATA COMMUNICATIONS,
 vol. 25, no. 1, 1 January 1996, page 31/32, 34 XP000545237
 BRUNO L: "LASTING LEGACY: BROWSING BIG IRON ON THE WEB" DATA
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 118, 120, XP000639963
 PENNINO E: "A VISION FOR AN AUTOMATIC MESSAGE ACCOUNTING (AMA) DATA
 NETWORKING SYSTEM" PROCEEDINGS OF THE NETWORK OPERATIONS AND MANAGEMENT
 SYMPOSIUM (NOMS), vol. 1, 6 - 9 April 1992, MEMPHIS (US), pages
 196-207, XP000344754
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 no. 1, 1 January 1996, page 92, 94 XP000545253
 HAETOENEN K ET AL: "TASA: TELECOMMUNICATION ALARM SEQUENCE ANALYZER"
 1996 IEEE NETWORK OPERATIONS AND MANAGEMENT SYMPOSIUM (NOMS), KYOTO,
 APR. 15 - 19, 1996, vol. VOL. 2, no. SYMP. 5, 15 April 1996, INSTITUTE
 OF ELECTRICAL AND ELECTRONICS ENGINEERS, pages 520-529, XP000634816
 HAMILTON M A: "JAVA AND THE SHIFT TO NET-CENTRIC COMPUTING" COMPUTER,
 vol. 29, no. 8, August 1996, pages 31-39, XP000632765;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 040407 A1 Date of dispatch of the first examination
 report: 20040218
 Application: 981230 A1 International application (Art. 158(1))
 Change: 070718 B1 Title of invention (French) changed: 20070718
 Change: 070718 B1 Title of invention (English) changed: 20070718
 Change: 070718 B1 Title of invention (German) changed: 20070718
 Grant: 061129 B1 Granted patent
 Change: 060614 A1 Title of invention (French) changed: 20060614
 Change: 060614 A1 Title of invention (English) changed: 20060614
 Change: 060614 A1 Title of invention (German) changed: 20060614
 Change: 061102 A1 Title of invention (German) changed: 20061102
 Change: 061102 A1 Title of invention (English) changed: 20061102
 Change: 061102 A1 Title of invention (French) changed: 20061102
 Change: 070425 B1 Title of invention (German) changed: 20070425
 Change: 070425 B1 Title of invention (English) changed: 20070425
 Change: 070425 B1 Title of invention (French) changed: 20070425
 Application: 991110 A1 Published application with search report
 Examination: 991110 A1 Date of request for examination: 19990825

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200648	1101
CLAIMS B	(German)	200648	1041
CLAIMS B	(French)	200648	1188
SPEC B	(English)	200648	2238
Total word count - document A			0
Total word count - document B			5568
Total word count - documents A + B			5568

...SPECIFICATION web management code is placed in the equipment and
 converts each device into a web server , enabling net managers to call
 the device and view a management home page. Net managers...

...A VISION FOR AN AUTOMATIC MESSAGE ACCOUNTING (AMA) DATA NETWORKING SYSTEM" PROCEEDINGS OF THE NETWORK OPERATIONS AND MANAGEMENT SYMPOSIUM (NOMS), vol. 1, 6 - 9 April 1992, MEMPHIS (US), pages 196-207, XP000344754 relates...

...an automatic message accounting data networking system.

HAMILTON M A: "JAVA AND THE SHIFT TO NET - CENTRIC COMPUTING" COMPUTER, vol. 29, no. 8, August 1996, pages 31-39, XP000632765 relates to the...

...allow the telecommunications equipment manufacturer to have access to the telecommunications equipment for further product support . Generally, the customer support , field service personnel, and engineers do not have access to most or all of the...

...telecommunications network for monitoring and management thereof.

In accordance with the embodiments of present invention, system and method for monitoring and management of telecommunications equipment using enhanced internet access are provided which eliminate or substantially reduce the disadvantages associated with...

...Switching System, issued to Self et al. on Feb. 27, 1996.

To provide maintenance and management of distributed telecommunications switching system 10 and other telecommunications equipment 30 in the telecommunications network, access thereto is provided through...

...intranet 32, telecommunications services provider's operations and support personnel 36 at various sites may access , monitor and control any of the telecommunications equipment. This may include personnel who operate out of home offices 46 or sites remote from a centralized network operations site 38, or customer support and craft sites 40 and 42. Further, personnel 50 of the telecommunications equipment manufacturer, such as customer support 52, field service 54, and development/engineering 56, may also access and provide maintenance and support of telecommunications equipment operating in the network through internet 34 and intranet 32.

Referring to FIGURE 3, a remote workstation 60 may communicate with a piece of telecommunications equipment such as service unit 62 via internet 34 and intranet 32 (FIGURE 2). Remote workstation 60 may be a personal computer, lap top computer, notebook computer, workstation, and any...

...Microsoft Explorer(TM))). When a web browser 64 is Java-enabled, it includes a Java server or engine 66 that enables it to execute Java applets or application programs 68.

Service...

...services element (SE) 80 which is a process manager that controls and manages all the servers running in service unit 62, including a services element server 82 and a web server...

22/5,K/19 (Item 19 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00914835
Scaleable and extensible system management architecture with dataless endpoints
Skalierbare und erweiterbare Systemverwaltungsarchitektur mit datenlosen Endpunkten
Architecture de systeme de gestion echelonnable et extensible comportant des points terminaux depourvus d'information

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

de Pena, Alain (15155), Compagnie IBM France Direction de la Propriete Intellectuelle, 06610 La Gaudie, (FR)

PATENT (CC, No, Kind, Date): EP 834809 A2 980408 (Basic)
EP 834809 A3 981209
EP 834809 B1 060301

APPLICATION (CC, No, Date): EP 97480048 970819;
PRIORITY (CC, No, Date): US 724663 961001

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): G06F-009/46; G06F-009/445;

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:
G06F-0009/46 A I F B 20060101 19980126 H EP
G06F-0009/445 A I L B 20060101 19980126 H EP

ABSTRACT EP 834809 A2

A large distributed enterprise includes computing resources that are organized into one or more managed regions, each region being managed by a server machine servicing one or more gateway machines, with each gateway machine servicing a plurality of endpoint machines. A distributed system management framework is supported on the gateway machines and the one or more endpoint machines to carry out system management tasks. To enhance scalability, the endpoint machines support a low cost, low maintenance client component of the system management framework, and a corresponding server component is supported on each of the gateway machines. On an as-needed basis, appropriate executable code and system management data is delivered from a gateway to one or more endpoint machines to facilitate execution of a system management task for the managed region. Typically, the system management data is not stored in the endpoint, and this "dataless" approach reduces the complexity and maintenance costs associated with distributing the functionality of the system management framework. The endpoints are easily extensible to include new application functionality without requiring the overall framework to be rebuilt or reinstalled.

ABSTRACT WORD COUNT: 182

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 020807 A2 Date of dispatch of the first examination report: 20020621

Application: 980408 A2 Published application (A1with Search Report ;A2without Search Report)

Change: 070207 B1 Title of invention (French) changed: 20070207

Change: 070207 B1 Title of invention (English) changed: 20070207

Change: 070207 B1 Title of invention (German) changed: 20070207

Change: 030226 A2 Legal representative(s) changed 20030108

Grant: 060301 B1 Granted patent

Change: 981104 A2 Representative (change)

Search Report: 981209 A3 Separate publication of the European or International search report

Examination: 990303 A2 Date of filing of request for examination: 981228

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199815	562
CLAIMS B	(English)	200609	412
CLAIMS B	(German)	200609	379
CLAIMS B	(French)	200609	511
SPEC A	(English)	199815	5722
SPEC B	(English)	200609	5340
Total word count - document A			6284

Total word count - document B 6642
Total word count - documents A + B 12926

...SPECIFICATION terminal node manager 20.

Referring now to FIGURE 2, each gateway machine 16 runs a **server** component 22 of a system management framework. The server component 22 is multi-threaded runtime...

..19. In particular, a secure remote procedure call (RPC) is used to invoke operations on remote objects. Gateway machines 16 also includes an operating system 15 and a threads mechanism 17.

The system management framework includes a client component 24 supported on each of the endpoint machines 18. The client component 24 is a low cost, low maintenance application suite that is preferably "dataless" in the sense that system management data is not cached or stored there in a persistent manner. Implementation of the management...

...the connectivity of personal computers into the managed environment. Using an object-oriented approach, the system management framework facilitates execution of system management tasks required to manage the resources in the MR. Such tasks are quite varied and include, without limitation, file and data distribution, network usage monitoring, user management, printer or other resource configuration management, and the like. System management tasks involve...

...and the client machines would run the lost cost framework. References herein to a distinct server and one or more gateway(s) should thus not be taken by way of limitation...in the repeater configuration. Distributions fan out from the gateway to the endpoints without further server support. Eliminating the server as a bottleneck makes distributions very scaleable.

As can be seen, the endpoint remains essentially dataless except as needed to carry out the particular system management task. This operation is facilitated by distributing the system management framework across client components, supported on the endpoints, and server components, supported on the gateways that service the endpoints.

As noted above, the LCF is extensible and thus new application functionality is easily added to the system management framework without having to rebuild or reinstall the client component at the endpoint. The specifics...

...SPECIFICATION terminal node manager 20.

Referring now to FIGURE 2, each gateway machine 16 runs a **server** component 22 of a system management framework. The server component 22 is multi-threaded runtime...

..19. In particular, a secure remote procedure call (RPC) is used to invoke operations on remote objects. Gateway machines 16 also includes an operating system 15 and a threads mechanism 17.

The system management framework includes a client component 24 supported on each of the endpoint machines 18. The client component 24 is a low cost, low maintenance application suite that is preferably "dataless" in the sense that system management data is not cached or stored there in a persistent manner. Implementation of the management...

...the connectivity of personal computers into the managed environment. Using an object-oriented approach, the system management framework facilitates execution of system management tasks required to manage the resources in the MR. Such tasks are quite varied and include, without limitation, file and data distribution, network usage monitoring, user management, printer or other resource configuration management, and the like. System management tasks involve...

...and the client machines would run the lost cost framework. References herein to a distinct server and one or more gateway(s) should thus not

be taken by way of limitation...in the repeater configuration. Distributions fan out from the gateway to the endpoints without further server support. Eliminating the server as a bottleneck makes distributions very scaleable.

As can be seen, the endpoint remains essentially dataless except as needed to carry out the particular system management task. This operation is facilitated by distributing the system management framework across client components, supported on the endpoints, and server components, supported on the gateways that service the endpoints.

As noted above, the LCF is extensible and thus new application functionality is easily added to the system management framework without having to rebuild or reinstall the client component at the endpoint. The specifics...

22/5,K/22 (Item 22 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00823365

DISTRIBUTED GAMING SYSTEM

SPIELSYSTEM

SYSTEME DE JEUX REPARTI

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 829072 A1 980318 (Basic)

EP 829072 B1 990915

WO 9637866 961128

APPLICATION (CC, No, Date): EP 96914827 960523; WO 96CA328 960523

PRIORITY (CC, No, Date): CA 2150215 950525; US 511877 950804

DESIGNATED STATES: DE; ES; FR; GB; GR; IT; NL

INTERNATIONAL PATENT CLASS (V7): G07F-017/32

CITED PATENTS (EP B): EP 24184 A; EP 607823 A; EP 620688 A; AU 524709 A

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Application: 980318 A1 Published application (A1with Search Report ;A2without Search Report)

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Grant: 990915 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9937	1187

CLAIMS B	(German)	9937	1120
CLAIMS B	(French)	9937	1586
SPEC B	(English)	9937	18343
Total word count - document A			0
Total word count - document B			22236
Total word count - documents A + B			22236

...SPECIFICATION predetermined system access to a system regulator, means for receiving daily transaction logs from each remote gaming location, means for processing data from daily transactions logs to determine system daily revenue, and means for managing system software where the means for managing system software includes means for developing software, means for obtaining certification from a system regulator and means for distributing gaming software to each gaming location.

The NCC may also include means for managing system equipment, which includes means for installing equipment, means for tracking equipment and means for testing equipment.

The NCC may also include a customer support server, which includes means for providing customer support, means for identifying a gaming session, means for reviewing a gaming session, means for reviewing...
...processing centre and a bank server.

In a preferred embodiment the NCC and back office servers are UNIX platforms.

In a preferred form, the back office server includes means for providing a gaming session, which may include means for controlling access to...

22/5,K/39 (Item 1 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00500546 **Image available**

SERVICE MANAGEMENT SYSTEM FOR AN ADVANCED INTELLIGENT NETWORK
 SYSTEME DE GESTION DE SERVICES POUR RESEAU INTELLIGENT DE POINTE

Patent Applicant/Assignee:

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Inventor(s):

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DEACON Keith F,

GAUTHIER Marc,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9931898 A1 19990624

Application: WO 98US26721 19981215 (PCT/WO US9826721)

Priority Application: US 97993433 19971218

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(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE DK DK EE EE ES
 FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
 LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
 TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ
 TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI
 CM GA GN GW ML MR NE SN TD TG

Main International Patent Class (v7): H04Q-003/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5538

English Abstract

A service management system for an advanced intelligent network includes a plurality of gateways in communications with a plurality of network nodes and service clients which may issue service requests. The service

requests are received by the gateways, which convert the service requests to orders having a predetermined format containing the service requests. An order distribution server in communication with the plurality of gateways receives and distributes the orders. A plurality of management programs receive the orders from the order distribution server and execute the service requests contained in the orders. Responses may be generated by the management programs and sent to the order distribution server for delivery to the network nodes and service clients.

French Abstract

Système de gestion de services pour réseau intelligent de pointe, qui comprend une pluralité de passerelles en communication avec une pluralité de noeuds du réseau et de clients des services, susceptibles d'émettre des demandes de services. Les demandes de services sont reçues par les passerelles, qui les convertissent en commandes d'un format pré-déterminé. Un serveur de distribution de commandes, en communication avec la pluralité de passerelles, reçoit et distribue les commandes. Une pluralité de programmes de gestion reçoivent les commandes provenant du serveur et exécutent les demandes de services contenues dans lesdites commandes. Les réponses peuvent être générées par les programmes de gestion et envoyées au serveur de distribution de commandes, de façon à être transmises aux noeuds du réseau et aux clients des services.

Fulltext Availability:

Detailed Description

Detailed Description

... an order distribution server (ODS) 54, and management programs (MP) 56. Gateways 52, order distribution server 54, and management programs 56 all communicate via the same protocol - order 58. Referring also...
...and back. Gateways 52 also authenticates the clients 60 for security purposes. An open service management (OSM) 62 access interface is employed between gateways 52, order distribution server 54, and management...The execution of management programs 56 in processing requests fulfill the various functions of service management system 12.

FIGURE 4 is a simplified functional diagram of service management system 12. Service...

...80 of service management system 12 involves the deployment, activation, versioning, provisioning, and monitoring of services and management programs. The service management functions of service management system 12 are carried out by management programs 56. Order management 82 of service management system 12 encompasses all activities pertaining to the creation, identification, composition, submission, propagation, tracking, deletion, and...

...service nodes 60 to service management system 12. User management 86 is concerned with providing controlled access to the various resources and programs offered by service management system 12. Thus, user management 86 enforces security measures that authenticate clients and prevent unauthorized access to service management system 12.

Network management...

...submission, propagation, tracking, deletion and special treatment of orders. Orders are managed by order distribution server 54, which is described in more detail below. An order is created by allocating memory...

...to correlate actions, events, and results with the order. Each order invokes a specific service management program (SMP) in service management system 12. The particular program is specified by a program key and an optional service version...service management program.

Referring to FIGURE 5, a context diagram for order distribution server 54 is shown. Order distribution server dispatches orders and associated responses to their specified destinations. Order distribution server 54 provides an open service management interface which allows object managers (OMS) 120 such as operation support systems, customer care systems, and graphical user interfaces (GUIs) to send orders to and receive responses from...

...intelligent peripherals, and signal transfer points 20. All orders and responses received by order distribution server 54 also use databases 124 to store and retrieve information pertaining to services, user registration, node registration, connections, and sessions. Further, order distribution server 54 uses a telecom platform 126, which is a software system designed to support the development and execution of distributed, fault-resilient telecommunications applications. Telecom platform 126 may include an object request broker (ORB) agent, a distributed object...

...by service management system 12.
Referring to FIGURE 6, an object model of order distribution server 54 is shown. Order distribution server object includes 11 subcomponents, including an OSM interface 130. FIGURE 7 is an object model...

22/5,K/44 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00484627
INTEGRATED BUSINESS SYSTEM FOR WEB BASED TELECOMMUNICATIONS MANAGEMENT SYSTEME D'ECHANGES COMMERCIAUX INTEGRES POUR LA GESTION DE TELECOMMUNICATIONS SUR LE WEB

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JAMES Angela R,
LEVY Lynne,
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Patent and Priority Information (Country, Number, Date):

Patent: WO 9915979 A1 19990401

Application: WO 98US20170 19980925 (PCT/WO US9820170)

Priority Application: US 9760655 19970926
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(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU BR CA JP MX SG AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Main International Patent Class (v7): G06F-013/00
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 88075

English Abstract

The specification discloses a method of doing business over the public Internet, particularly, a method which enables access to legacy management tools used by a telecommunications enterprise in the management of the enterprise business to the enterprise customer, to enable the customer to more effectively manage the business conducted by the customer through the enterprise, this access being provided over the public Internet. This method of doing business is accomplished with one or more secure web servers which manage one or more secure client sessions over the Internet, each web server supporting secure communications with the client workstation; a web page backplane application capable of launching one or more management tool applications used by the enterprise. Each of the management tool applications provide a customer interface integrated within said web page which enables interactive Web/Internet based communications with the web servers; each web server supports communication of messages entered via the integrated customer interface to one or more remote enterprise management tool application servers which interact with the enterprise management tool applications to provide associated management capabilities to the customer.

French Abstract

Cette invention se rapporte à un procédé permettant de réaliser des échanges commerciaux par l'Internet, en particulier un procédé qui permet d'accéder à des outils de gestion legacy utilisés par une entreprise de télécommunications pour la gestion de ses relations commerciales avec ses clients, et pour permettre aux clients de gérer plus efficacement leurs intérêts commerciaux par l'intermédiaire de l'entreprise, cet accès étant assuré par l'Internet. Ce procédé d'échanges commerciaux utilise un ou plusieurs serveurs web sécurisés, qui gèrent une ou plusieurs sessions client sécurisées sur l'Internet, chaque serveur web prenant en charge les communications sécurisées avec la station de travail client; ainsi qu'une application de fond de panier de page web capable de lancer une ou plusieurs applications d'outils de gestion utilisées par l'entreprise. Chacune de ces applications d'outils de gestion fournit une interface client intégrée à chaque page web qui permet des communications interactives par le Web/l'Internet avec les serveurs web; et chaque serveur web prend en charge la communication des messages entre via l'interface client intégrée à destination d'un ou de plusieurs serveurs d'applications d'outils de gestion d'entreprise distants, qui entrent en interaction avec les applications d'outils de gestion d'entreprise pour assurer aux clients des capacités de gestion associées.

Fulltext Availability:
Detailed Description
Claims

Detailed Description

... configuration of a customer workstation, since the custom application required to interface with the legacy system can be delivered via the public Internet and run within a standard web-browser, reducing...

...the delivery o the enterprise legacy services and are not consumed by a need for customer support at the work station level.

The assignee of the present invention has also realized that providing its management tools to its customers will develop customer loyalty . and more fully integrate the services provided by...

...with the infrastructure of the customers organization. It is therefore highly desirable to provide these management tools over the public Internet. The public Internet provides access connectivity world wide via the TCP/IP protocol, without need to navigate various disparate security protocols, telephone exchanges, dialing standards or signal standards, thereby providing a measure of platform independence...

...Manager for command and control of network switching; BroadbandView, Broadband SNMP (previousl H erscope) and Event Monitor (previously Fault Manager for network performance and alarm data; Service Inquiry (previously Direct Dispatch)for trouble ticket management; Real-Time...

...call detail data; ClientView for invoice data.

Limited interactive toll free network control is additionally supported whereby customers may change the configuration of their toll-free networks and "virtual" networks, i.e., Vnet for doing business that utilizes an integrated customer interface system for telecommunications network management . The customer interface system is provided with a graphical user interface for enabling a user to interact with one or more telecommunications services provided by remote servers located in a telecommunications service provider's Intranet, and utilizes a Web paradigm to allow...illustration of the message format passed from the user workstation 20 to the secure web server 24 over the public internet; Figure 58 is a data flow diagram illustrating the present...

...illustration o@ the message format passed between the application specific proxy back to the Dispatcher server .

The present invention is a Web-based, telecommunications network application delivery system for delivering an integrated suite of customer network management tools to customers of telecommunications using a Web browser paradigm. The servl ce provi integrated suite of customer network management tools described herein and provided by the assignee of the present invention, is collectively referred to...

...nMCI Interact"). Such an integrated suite of Web-based interactive applications provides all of the tools necessary to enable customers to manage their telecommunication assets, quickly and securely, from anywhere in the world.

The nMCI. Interact system...

...set of common components comprising the following.

1) a software architecture detailing the client and server based aspect of nMCI Interact;
2) a network architecture defining the physical network needed to...added to the system without an enterprise's support team intervention. In sum, customers may manage their communications services in a secure environment and also, for example, monitor their network traffic via the Internet...

...to enter and exit the individual application services separately, and without having to contact a customer support representative.

Figure 7 illustrates a general architectural overview of the StarOE component which includes a StarOE server 39 resident in a midrange computer, and an associated client application 154 running in a...

...having a Web browser, hereinafter referred to as a StarOE client application. The StarOE server 39 processes a number of transaction requests relating to authentication and entitlements, from other application services, both from the client and the application server 158 sides of the network. In addition, the StarOE server 39 receives transaction requests from the StarOE client application. The transactions are typically message driven...

Claim

... between said system and said customer over the public Internet, said protocol invoked within said customers web browser to support encryption, customer identification, authentication and report entitlements;

(b) at least one secure web server for managing secure customer sessions over the public Internet, said secure server providing session management for the customer connection, said session management including customer identification, validation, report entitlements and encryption;

(c) at least one dispatch server for communicating with said secure web server and a plurality of system resources, said dispatch server providing verification of system access and proxy generation for said reports after said customer's entitlements have been verified, each of said system resources maintaining data relating to separate communications network services provided to the customer by the enterprise;

(d...

...system for conducting business over the public Internet as claimed in Claim 22, wherein said event monitor includes a report manager for requesting and scheduling reports on events occurring within the customers switched communication connections.

24...

22/5,K/54 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00443710 **Image available**
A COMPUTER SYSTEM USING A PLURALITY OF REMOTE WORKSTATIONS AND CENTRALIZED COMPUTER MODULES
SYSTEME INFORMATIQUE METTANT EN OEUVRE UNE PLURALITE DE STATIONS DE TRAVAIL ELOIGNEES ET DE MODULES INFORMATIQUES CENTRALISES

Patent Applicant/Assignee:

SCHMIDT Curt A,

Inventor(s):

SCHMIDT Curt A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9834174 A2 19980806

Application: WO 98US1910 19980202 (PCT/WO US9801910)

Priority Application: US 9737482 19970203; US 9737481 19970203

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class (v7): G06F-013/40

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6137

English Abstract

A distributed computer system having centrally available processing units. A plurality of computer workstations are connected to a plurality of processing units by computer transmission cables. In one embodiment each of the workstations may be connected to any of the plurality of processing units.

French Abstract

Cette invention se rapporte a un systeme informatique reparti comportant des unites de traitement disponibles en un lieu central. Une pluralite de stations de travail informatiques sont reliees a une pluralite d'unites de traitement par des cables de transmission informatiques. Selon une realisation de l'invention, chaque station de travail peut etre relee a n'importe quel element de l'ensemble des unites de traitement.

Fulltext Availability:

Detailed Description

Detailed Description

... stored on the network, also improves system security;
(c) continually testing and monitoring computer modules, servers , and cable runs using a centralized suite of diagnostic procedures, thereby significantly improving reliability.

(d...

...hard drives leads to better control of software location and upgrading; and the centralization of user information, simplified systems administration and reducing cost.

Additionally, as far fewer computer modules are required than

workstations a significant...

...of computer modules installed rather than on the number of workstation, and because the software usage metering system built into the management computer allows the least expensive software licensing agreements to be obtained, significant software cost savings...of Intel Corporation.) Improved management oversight and control is possible because of the extensive system usage and performance logs maintained by the management computer, further reducing administrative costs. Reduced power consumption results because of several reasons...

...programmable load shedding function in the management computer which shuts down shelves of unused computer, server, and other modules during periods of low usage such as evening, weekends, and holidays, further...

22/5,K/61 (Item 23 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00423335 **Image available**
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A GATEWAY SYSTEM ARCHITECTURE WITH SYSTEM ADMINISTRATION INFORMATION ACCESSIBLE FROM A BROWSER
Système, procédé et article manufature pour une architecture de communication interréseau dont les informations d'administration du système sont accessibles au moyen d'une fonction de survol

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HALLER Daniel R,

Inventor(s):

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SUBRAMANIAN Mahadevan P,
HALLER Daniel R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9813796 A2 19980402

Application: WO 97US17377 19970926 (PCT/WO US9717377)

Priority Application: US 96721167 19960926

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH KE LS MW
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class (v7): H04L-029/06

International Patent Class (v7): G07F-07:10

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 44697

English Abstract

Secure transmission of data is provided between a plurality of computer systems over a public communication system, such as the Internet. Secure transmission of data is provided from a customer computer system to a merchant computer system, and for the further secure transmission of payment information from the merchant computer system to a payment gateway computer system. The payment gateway system receives encrypted payment requests from merchants, as HTTP POST messages via the Internet.

The gateway then unwraps and decrypts the requests, authenticates digital signatures of the requests based on certificates, supports transaction types and card types as required by a financial institution, and accepts concurrent VPOS transactions from each of the merchant servers. Then, the gateway converts transaction data to host-specific formats and forwards the mapped requests to the host processor using the existing financial network. The gateway system architecture includes support for standard Internet access routines which facilitate access to system administration information from a commercial web browser.

French Abstract

La transmission protegee de donnees est assuree entre plusieurs systemes informatiques sur un reseau de communication public, tel qu'Internet. La transmission protegee de donnees est assuree entre un systeme informatique client et un systeme informatique vendeur, et pour une transmission encore mieux protegee des informations de paiement, entre le systeme informatique vendeur et un systeme informatique de paiement interresseau. Ledit systeme de paiement interresseau recoit des demandes de paiement codees des vendeurs, sous forme de messages POST HTTP (protocole de transmission terminal point de vente) par le reseau Internet. La passerelle developpe et decode ensuite les demandes, authentifie les signatures numeriques des demandes en fonction de certificats, prend en charge des types de transaction et des types de carte conformement aux exigences de l'organisme financier, et accepte les transactions VPOS provenant de chacun des serveurs vendeurs. Ensuite, la passerelle convertit les donnees de transaction en structures specifiques a l'hote et envoie les demandes mappees au processeur central en utilisant le reseau financier en place. L'architecture du systeme de communication interresseau comporte un support pour les programmes standard d'accès a Internet qui facilitent l'accès aux informations d'administration du systeme au moyen d'une fonction de survol commerciale du Web.

Fulltext Availability:

Detailed Description

Detailed Description

... all available processors. In addition, Oracle7 includes options for creating highavailability systems.

The Oracle7 Parallel Server option extends the reliability of applications by transparently harnessing the power of clustered computers in...
...reliability with such features as optimized caching, SMP support, enhanced memory management, and SNMP-based performance monitoring. Efficient process management features minimize system load and increase server reliability. Security features are provided using the SSL 3.0 protocol.

Protocol...

...with a web browser.

SQL*Net. The Gateway's Oracle7 database can be accessed by administration clients using SQL*Net. Administration software can establish database connectivity to retrieve data for generating transaction reports.

9 SNMP. Enterprise Server 2.0 can be monitored using SNMP. The Gateway utilizes SNMP for remote system management .

Transaction Performance Monitoring and Measurement
The 'hits' performance indicators are available from the web server...

...at any time to highlight the load pattern or to pinpoint the time when the server was most active.

- 127 Gateway statistics about transaction requests (by transaction type) and transaction results...

...by generating a report.

The Gateway is upgradeable to interoperate with a real-time event monitoring system such as OpenVision's Performance Manager.

TokenOpaque Contents

The Gateway requires information captured at the time of an AuthReq that must...

22/5,K/77 (Item 39 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00387880 **Image available**

APPLICATION USER INTERFACE REDIRECTOR

DISPOSITIF DE REACHEMINEMENT D'INTERFACE UTILISATEUR D'APPLICATION

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Patent and Priority Information (Country, Number, Date):

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Application: WO 97IL22 19970115 (PCT/WO IL9700022)

Priority Application: IL 116804 19960117

Designated States:

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class (v7): G06F-009/455

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13526

English Abstract

A novel application user interface redirector (16) is disclosed that operates to extend an operating system (12), like Windows 95 or Windows NT, to allow applications (14) to be used on one machine while actually executing on another machine. Most elements of the application (14) execute on the server (16) while the user interface elements of the application execute on the client (20). The result is that applications perform most operations, including input/output (I/O) intensive and CPU intensive operations, on the server (16) but interact with the user on the local machine like any local application would. Multi-user capabilities are extended to support execution of applications, supporting multiple concurrent remote users. Utilizing the present invention, applications (14) can execute on mixed architectures.

French Abstract

L'invention concerne un nouveau dispositif de reacheminement d'interface

utilisateur d'application permettant d'etendre un systeme d'exploitation tel que Windows 95 ou Windows NT, de sorte que des applications puissent etre utilisees sur une machine alors que l'execution reelle s'effectue sur une autre machine. La plupart des elements de l'application s'excutent sur le serveur, tandis que les elements d'interface utilisateur de l'application s'excutent sur le client. En consequence, les applications accomplissent la plupart des operations, y compris les operations a forte utilisation d'entree/sortie et d'unite centrale de traitement, a l'echelon du serveur, en maintenant toutefois l'interaction avec l'utilisateur sur la machine locale comme pour une application locale quelconque. On parvient ainsi a etendre les capacites d'utilisateurs multiples pour assurer l'execution des applications lorsque les utilisateurs eloignes travaillant simultanement sont nombreux. A l'aide de la presente invention, les applications sont executables sur les architectures mixtes, et on ameliore encore les performances en assurant une structure d'interface utilisateur ou une interface utilisateur virtuelle assurant localement les appels etablis pour les fonctions de rappel de l'application. Les valeurs de retour des fonctions de rappel sont transmises au client ce qui rend plus performant le dispositif de reacheminement d'interface utilisateur de l'application sur des connexions lentes telles que les connexions via modem sur des lignes de numerotation.

Patent and Priority Information (Country, Number, Date):

Patent: ... 19970807

Fulltext Availability:

Detailed Description

Publication Year: 1997

Detailed Description

... serve both the remote technical support market and the telecommuter and mobile user market. Since remote control technology allows users to take complete control over an entire PC, these products are...

...telecommuters and mobile users, remote control suffers from several disadvantages. From an organization's perspective remote control does not allow 5 one server to support several reraute users concurrently. Administering remote access and control configurations fast becomes a system administrator's nightmare. Single copies of applications cannot be installed on a single server to serve many remote users. This requires the need for a server per user, increasing drastically system complexity and maintenance costs. Thus, due to the one to one server to client ratio of this technology...

...is unsuitable for large scale enterprise deployment, confining it to individual use and to the remote technical support market.

In spite of the availability of remote node and remote control solutions, none overcome the bandwidth limitation imposed by relatively slow phone lines. Even as remote node becomes ubiquitous, end users will increasingly demand ...solution can support multiple concurrent users. This allows this solution to function as an application server , rather than simply a remote control server. however, since applications that run on the application...

22/5,K/83 (Item 45 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00294024 **Image available**
DATABASE SEARCH SUMMARY WITH USER DETERMINED CHARACTERISTICS
SYNTHESE D'EXPLORATION DE BASES DE DONNEES A CARACTERISTIQUES DETERMINEES
PAR L'UTILISATEUR
Patent Applicant/Assignee:

TELTECH RESOURCE NETWORK CORPORATION,
Inventor(s):

THOMSON William K,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9512173 A2 19950504

Application: WO 94US11629 19941028 (PCT/WO US9411629)

Priority Application: US 93144767 19931028

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Main International Patent Class (v7): G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7467

English Abstract

An information storage, searching and retrieval system for large (gigabytes) domains of archived textual data. The system includes multiple query generation processes, a search process, and a presentation of search results that is sorted by category or type and that may be customized based on the professional discipline (or analogous personal characteristic of the user), thereby reducing the amount of time and cost required to retrieve relevant results.

French Abstract

L'invention concerne un systeme de stockage, de recherche et d'extraction d'informations pour de vastes (gigaoctets) domaines de donnees de textes archivees. Ce systeme comprend plusieurs processus de generation d'interrogations, un processus de recherche, et une presentation des resultats de recherches qui sont tries par categorie ou par type. En outre, ces derniers peuvent etre personnalisés en fonction de la categorie professionnelle (ou de caracteristiques personnelles analogues de l'utilisateur), ce qui permet de reduire le temps requis et les couts associes a l'extraction des resultats recherches.

Patent and Priority Information (Country, Number, Date):

Patent: ... 19950504

Fulltext Availability:

Detailed Description

Publication Year: 1995

Detailed Description

... etc. Alternately, the user could place a direct call to the computing system.

The systems access control computer 20 (or computers, if concurrent communication traffic requires multiple units) accepts calls from users ...probability of receiving a busy signal and be unable to connect to the system. A user administration relational database 22 contains all the information utilized by the access control computer 20 in controlling access to the system.

When an end user is accepted by the access control computer 20 as a valid user, the user is then connected with a Search Administration Server (SAS) 24.

Typically at least two SAS systems 24 are used to manage a domain of information (unless a non-stop processing system is used) to insure maximum...

...is seeking. The SAS system 24 can operate in two very distinct modes.

One mode supports end users that are calling with a simple

keyboard/display device such as a Digital Equipment Corporation...
...information sought and present the search results by category.
The second mode supports connections from remote computing systems. In this mode the SAS system 24 accepts and executes transactions from a...
...to be generated, search to be run, and search results presented. In this mode the remote computing system is in complete control of the end user's display screen and is...
...user activity. This well-known mode of operation is commonly described as a Client/ Server Architecture.

Regardless of the mode of operation, at some point the SAS system 24 is
? t30/5,k/2,4,14,18,38,42-44

30/5,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2007 European Patent Office. All rts. reserv.

01474705
Information retrieval system
System zum Wiederauffinden von Informationen
Système d'extraction d'informations
PATENT ASSIGNEE:
MICROSOFT CORPORATION, (749866), One Microsoft Way, Redmond, WA 98052,
(US), (Applicant designated States: all)
INVENTOR:
Ferrel, Patrick J., 5240 21st St., N.E., Seattle, Washington 98105, (US)
Kerr, Randy, 10408 180th Ct., N.E., Redmond, Washington 98052, (US)
Uppala, Krishna, 5612 159th PI., N.E., Redmond, Washington 98052, (US)
Nareddy, Krishna, 14550 N.E. 35th St., Apt. B102, Bellevue, Washington
98007, (US)
LEGAL REPRESENTATIVE:
VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 1251437 A2 021023 (Basic)
EP 1251437 A3 040818
EP 1251437 A3 040818
APPLICATION (CC, No, Date): EP 2002014801 961115;
PRIORITY (CC, No, Date): US 560281 951117
DESIGNATED STATES: DE; FR; GB
RELATED PARENT NUMBER(S) - PN (AN):
EP 774722 (EP 96118399)
INTERNATIONAL PATENT CLASS (V7): G06F-017/30

ABSTRACT EP 1251437 A2
A information retrieval system wherein design and content are separated. Within a section of a title, a designer can layout pages with controls that define areas for content to be inserted into the pages. Two commonly used controls in the system are a static story control, wherein a preselected story is statically placed on a page in the area defined by the control, and a dynamic story control, wherein the designer defines search objects to retrieve stories. An information retrieval (IR) server indexes and searches stories in titles. Indexing takes place when a title is released to the network by a publisher workstation. The IR server interrelates title, section and story objects by their globally unique identifiers and creates a routing table which is used to locate objects across multiple database partitions. The IR search service is requested in two different ways at customer runtime. The first way is the resolution of the search objects to retrieve matching stories. The retrieved stories are concatenated and poured into the area defined by the dynamic control when the title is viewed. In the second way, the IR

search service is requested when a search is initiated by a customer using a "find" dialog to search across all stories in one or more titles, both dynamic and static.

ABSTRACT WORD COUNT: 216

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 021023 A2 Published application without search report

Search Report: 040818 A3 Separate publication of the search report

Search Report: 040818 A3 Separate publication of the search report

Examination: 050413 A2 Date of request for examination: 20050215

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200243	596
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SPEC A	(English)	200243	24361
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Total word count - document A		24957	
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Total word count - document B		0	
-------------------------------	--	---	--

Total word count - documents A + B		24957	
------------------------------------	--	-------	--

...SPECIFICATION The host data center 104 also includes a number of administrative servers 258. The administrative servers 258 perform administrative functions such as accounting, billing, network management , backup, system security , performance analysis, and server -to-service allocation.

To route user service requests to the appropriate servers 246, the Gateways...

30/5,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01062148

NETWORK MANAGEMENT

NETZWERKVERWALTUNG

SYSTEME ET PROCEDE DE PLATE-FORME DE TELECOMMUNICATIONS

PATENT ASSIGNEE:

Alcatel USA Sourcing, L.P., (2618560), 1000 Coit Road, Plano, TX 75075, (US), (Proprietor designated states: all)

INVENTOR:

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JAGGERS, Stephen, B., 1420 Cherokee Court, Allen, Texas, 75013, (US)

WORLINE, Mark, E., 813 Sycamore Creek, Allen, TX 75002, (US)

LEGAL REPRESENTATIVE:

Rausch, Gabriele (80471), Alcatel Intellectual Property Department, Stuttgart, 70430 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 1040678 A2 001004 (Basic)

EP 1040678 B1 051026

WO 1999030514 990617

APPLICATION (CC, No, Date): EP 98963110 981211; WO 98US26439 981211

PRIORITY (CC, No, Date): US 69576 P 971212

DESIGNATED STATES: DE; ES; FR; GB; IT; SE

INTERNATIONAL PATENT CLASS (V7): H04Q-003/00; H04L-012/24

CITED PATENTS (EP B): WO 93/20508 A; WO 97/07638 A; WO 97/24837 A; WO 97/31451 A

CITED PATENTS (WO A): XP 634813 ; XP 634802

CITED REFERENCES (EP B):

MALTINTI P ET AL: "OSI SYSTEM AND APPLICATION MANAGEMENT: AN EXPERIENCE IN A PUBLIC ADMINISTRATION CONTEXT" 1996 IEEE NETWORK OPERATIONS AND MANAGEMENT SYMPOSIUM (NOMS), KYOTO, APR. 15 - 19, 1996, vol. 2, no. SYMP. 5, 15 April 1996, pages 492-500, XP000634813 INSTITUTE OF

ELECTRICAL AND ELECTRONICS ENGINEERS

SESHAKE H ET AL: "DATA COMMUNICATION PLATFORM IN DISTRIBUTED OPERATIONS SYSTEM BASED ON TMN" 1996 IEEE NETWORK OPERATIONS AND MANAGEMENT SYMPOSIUM (NOMS), KYOTO, APR. 15 - 19, 1996, vol. 2, no. SYMP. 5, 15 April 1996, pages 349-359, XP000634802 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS;

CITED REFERENCES (WO A):

MALTINTI P ET AL: "OSI SYSTEM AND APPLICATION MANAGEMENT: AN EXPERIENCE IN A PUBLIC ADMINISTRATION CONTEXT" 1996 IEEE NETWORK OPERATIONS AND MANAGEMENT SYMPOSIUM (NOMS), KYOTO, APR. 15 - 19, 1996, vol. 2, no. SYMP. 5, 15 April 1996, pages 492-500, XP000634813 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS

SESHAKE H ET AL: "DATA COMMUNICATION PLATFORM IN DISTRIBUTED OPERATIONS SYSTEM BASED ON TMN" 1996 IEEE NETWORK OPERATIONS AND MANAGEMENT SYMPOSIUM (NOMS), KYOTO, APR. 15 - 19, 1996, vol. 2, no. SYMP. 5, 15 April 1996, pages 349-359, XP000634802 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 001004 A2 Published application without search report
Application: 990818 A2 International application. (Art. 158(1))
Change: 061004 B1 Title of invention (French) changed: 20061004
Change: 061004 B1 Title of invention (English) changed: 20061004
Change: 061004 B1 Title of invention (German) changed: 20061004
Grant: 051026 B1 Granted patent
Examination: 040929 A2 Date of dispatch of the first examination report: 20040816
Examination: 001004 A2 Date of request for examination: 20000710
Change: 001213 A2 Inventor information changed: 20001026
Examination: 040929 A2 Date of dispatch of the first examination report: 20040816
Change: 050622 A2 Legal representative(s) changed 20050502
Change: 060705 B1 Title of invention (German) changed: 20060705
Change: 060705 B1 Title of invention (English) changed: 20060705
Change: 060705 B1 Title of invention (French) changed: 20060705
Application: 990818 A2 International application entering European phase

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200543	1075
CLAIMS B	(German)	200543	1102
CLAIMS B	(French)	200543	1256
SPEC B	(English)	200543	16372
Total word count - document A			0
Total word count - document B			19805
Total word count - documents A + B			19805

...SPECIFICATION server nodes to service, removing applications from service, restoring applications from service, enabling or disabling applications , maintaining status of distributed applications , maintaining server node state and status, and reporting application status changes. Network management services 68 includes a network platform manager (NetPM), network system integrity subsystem (NetSI) , and configuration manager (ConfigMgr). FIGURE 7A is a block diagram showing an active platform manager node 100 with...

...node includes a network platform manager 104, a network system integrity subsystem 106, and a configuration manager 108. A platform manager network test driver 110 provides network level testing.

Network Platform Manager (NetPMMain)

The class name...restore to service.

Network System Integrity (NetSISMain)

The Network System Integrity (NetSI) subsystem 106 provides monitoring and recovery operations for the network element. It is responsible for implementing network monitoring and recovery. Operations implemented by Network System Integrity include:

- platform manager active/standby status monitoring
- node failure report correlation
- failed node recovery actions The class name of Network System Integrity is NetSI. NetSI 106 manages network system integrity for the platform manager. NetSI 106 receives notifications of server downgrades and communication faults from the NodeSI on the faulted node. NetSI 106 determines what...

30/5,K/14 (Item 14 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00994259

**SYSTEMS AND METHODS FOR MONITORING DISTRIBUTED APPLICATIONS
SYSTEME UND VERFAHREN ZUR UBERWACHUNG VERTEILTER ANWENDUNGEN
SYSTEMES ET PROCEDES DE SURVEILLANCE D'APPLICATIONS REPARTIES**

PATENT ASSIGNEE:

Firstsense Software, Inc., (2629860), 21 B Street, Burlington, MA 01803, (US), (Proprietor designated states: all)

INVENTOR:

AGARWAL, Neeraj, 88 Hawk Drive, Bedford, New Hampshire 03110, (US)
PERRET, Pierre, 4326 W. Michigan Avenue, Glendale, AZ 85308, (US)
MCMENEMY, Michael, G., 28 Parker Drive, Merrimack, NH 03054, (US)

LEGAL REPRESENTATIVE:

Freischem, Stephan, Dipl.-Ing. et al (83231), Patentanwalte Freischem An Gross St. Martin 2, 50667 Koln, (DE)

PATENT (CC, No, Kind, Date): EP 968589 A1 000105 (Basic)
EP 968589 B1 040811
EP 968589 B1 040811
WO 1998042103 980924

APPLICATION (CC, No, Date): EP 98911704 980317; WO 98US5162 980317

PRIORITY (CC, No, Date): US 821698 970320

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;
MC; NL; PT; SE

INTERNATIONAL PATENT CLASS (V7): H04L-012/26; H04L-029/06

CITED PATENTS (EP B): EP 462691 A; US 5101402 A

CITED PATENTS (WO A): XP 593492 ; XP 360816 ; XP 2012714

CITED REFERENCES (EP B):

HUNT R: "SNMP, SNMPV2 AND CMIP - THE TECHNOLOGIES FOR MULTIVENDOR NETWORK MANAGEMENT" COMPUTER COMMUNICATIONS, vol. 20, no. 2, March 1997, pages 73-88, XP000688489;

CITED REFERENCES (WO A):

HUNT R: "SNMP, SNMPV2 AND CMIP - THE TECHNOLOGIES FOR MULTIVENDOR NETWORK MANAGEMENT" COMPUTER COMMUNICATIONS, vol. 20, no. 2, March 1997, pages 73-88, XP000688489;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 030827 A1 Date of dispatch of the first examination report: 20030711

Application: 20000105 A1 Published application with search report
Change: 070627 B1 Title of invention (French) changed: 20070627
Change: 070627 B1 Title of invention (English) changed: 20070627
Change: 070627 B1 Title of invention (German) changed: 20070627
Change: 060614 B1 Title of invention (French) changed: 20060614
Change: 060614 B1 Title of invention (English) changed: 20060614
Change: 060614 B1 Title of invention (German) changed: 20060614
Oppn None: 050803 B1 No opposition filed: 20050512
Lapse: 050608 B1 Date of lapse of European Patent in a

contracting state (Country, date): AT
 20040811, CH 20040811, LI 20040811, DK
 20041111, ES 20041122, FI 20040811, GR
 20041111, SE 20041111,
 Lapse: 050525 B1 Date of lapse of European Patent in a
 contracting state (Country, date): AT
 20040811, CH 20040811, LI 20040811, FI
 20040811, GR 20041111, SE 20041111,
 Lapse: 050330 B1 Date of lapse of European Patent in a
 contracting state (Country, date): AT
 20040811, FI 20040811, SE 20041111,
 Lapse: 050309 B1 Date of lapse of European Patent in a
 contracting state (Country, date): SE
 20041111,
 Grant: 040811 B1 Granted patent
 Grant: 040811 B1 Granted patent
 Lapse: 050316 B1 Date of lapse of European Patent in a
 contracting state (Country, date): FI
 20040811, SE 20041111,
 Lapse: 050504 B1 Date of lapse of European Patent in a
 contracting state (Country, date): AT
 20040811, FI 20040811, GR 20041111, SE
 20041111,
 Lapse: 050601 B1 Date of lapse of European Patent in a
 contracting state (Country, date): AT
 20040811, CH 20040811, LI 20040811, DK
 20041111, FI 20040811, GR 20041111, SE
 20041111,
 Lapse: 050713 B1 Date of lapse of European Patent in a
 contracting state (Country, date): AT
 20040811, BE 20040811, CH 20040811, LI
 20040811, DK 20041111, ES 20041122, FI
 20040811, GR 20041111, SE 20041111,
 Change: 060405 B1 Title of invention (German) changed: 20060405
 Change: 060405 B1 Title of invention (English) changed: 20060405
 Change: 060405 B1 Title of invention (French) changed: 20060405
 Change: 070425 B1 Title of invention (German) changed: 20070425
 Change: 070425 B1 Title of invention (English) changed: 20070425
 Change: 070425 B1 Title of invention (French) changed: 20070425
 Application: 990224 A1 International application (Art. 158(1))
 Change: 20000308 A1 Inventor information changed: 20000117
 Examination: 20000105 A1 Date of request for examination: 19990923

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200433	739
CLAIMS B	(German)	200433	752
CLAIMS B	(French)	200433	859
SPEC B	(English)	200433	5012
Total word count - document A			0
Total word count - document B			7362
Total word count - documents A + B			7362

...SPECIFICATION network is a difficult task, made complex because electronic communications occurring between clients elements and servers occurs asynchronously, intermittently and quite rapidly. Accordingly, complex diagnostic and management tools are required to implement these distributed systems and to analyze and improve performance.

The complexity of a distributed computing architecture makes diagnosing system failures a difficult task. The asynchronous and rapid nature of communications between the distributed network components complicates the task significantly. Accordingly, a diagnostic technician has a difficult time in monitoring system operation in order to detect the events which cause system failure .

Responsive to this need for diagnostic and development tools,

computer engineers have developed network monitoring systems which couple into the communication...

30/5,K/18 (Item 18 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00910155

Flexible SNMP trap mechanism

Flexibler SNMP trap Mechanismus

Mecanisme flexible pour un trap SNMP

PATENT ASSIGNEE:

Hewlett-Packard Development Company, L.P., (4362381), 20555 SH 249,
Houston, Texas 77070, (US), (Proprietor designated states: all)

INVENTOR:

Schlener, Cynthia, 285 Barre Road, Phillipston, Massachusetts 01331, (US)
Vasudev, Shaila, 21 Seneca Road, Acton, Massachusetts 01720, (US)

LEGAL REPRESENTATIVE:

Charig, Raymond Julian (79692), Eric Potter Clarkson LLP Park View House
58 The Ropewalk, Nottingham NG1 5DD, (GB)

PATENT (CC, No, Kind, Date): EP 831617 A2 980325 (Basic)

EP 831617 A3 991027

EP 831617 B1 060524

APPLICATION (CC, No, Date): EP 97111084 970703;

PRIORITY (CC, No, Date): US 710563 960919

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS (V7): H04L-012/24; H04L-012/26

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

H04L-0012/24 A I F B 20060101 19980129 H EP

H04L-0012/26 A I L B 20060101 19990901 H EP

ABSTRACT EP 831617 A2

An alarm monitoring apparatus and method allows a user of a management station to dynamically create and flexibly configure SNMP traps based on any management information base variable without having to define an exhaustive set of trap definitions in a management information base.

Apparatus for monitoring status of a network device includes a processor assembly coupled to the network device and a data memory member accessible by the processor assembly for indicating user-defined alarm thresholds of the subject device. The processor assembly obtains threshold data from the data memory member and compares current status to the obtained threshold data. Upon a threshold being met by the current status, the processor assembly transmits an indication of threshold condition of the subject device to a system management station across a network. The data memory member is a database formed of a plurality of records defined by a management information base.

ABSTRACT WORD COUNT: 149

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Assignee: 000531 A2 Transfer of rights to new applicant: Compaq Computer Corporation (687792) 20555 S.H. 249 Houston Texas 77070 US

Examination: 20000419 A2 Date of request for examination: 20000221

Change: 070502 B1 Title of invention (French) changed: 20070502

Change: 070502 B1 Title of invention (English) changed: 20070502

Change: 070502 B1 Title of invention (German) changed: 20070502

Assignee: 040901 A2 Transfer of rights to new applicant:

Hewlett-Packard Development Company, L.P.

(4362381) 20555 SH 249 Houston, Texas 77070 US

Examination: 040609 A2 Date of dispatch of the first examination report: 20040423

Assignee: 040901 A2 Transfer of rights to new applicant:
Hewlett-Packard Development Company, L.P.
(4362381) 20555 SH 249 Houston, Texas 77070 US

Grant: 060524 B1 Granted patent

Application: 980325 A2 Published application (A1with Search Report
;A2without Search Report)

Change: 991013 A2 Legal representative(s) changed 19990825

Change: 991020 A2 International Patent Classification changed:
19990901

Search Report: 991027 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199813	831
CLAIMS B	(English)	200621	879
CLAIMS B	(German)	200621	808
CLAIMS B	(French)	200621	1002
SPEC A	(English)	199813	3991
SPEC B	(English)	200621	4044
Total word count - document A			4823
Total word count - document B			6733
Total word count - documents A + B			11556

...SPECIFICATION remote alarm threshold and status monitoring of network elements.

Network management systems are employed to monitor, interpret, and control the operations of a network. In a typical network management system, network devices (e.g., servers, gateways, hosts) are provided with agent software (an "agent") that monitors and accumulates operational data and detects exceptional events. A management station includes management software (a "manager") at the application level which requests operational data or receives event notifications from the agent using management protocols. The management station is further equipped to interpret the operational data and event information to effect control of the network operations.

Simple Network Management Protocol (SNMP) (J. Case et al., "A Simple Network Management Protocol", RFC 1157, May 1990...).

...SPECIFICATION remote alarm threshold and status monitoring of network elements.

Network management systems are employed to monitor, interpret, and control the operations of a network. In a typical network management system, network devices (e.g., servers, gateways, hosts) are provided with agent software (an "agent") that monitors and accumulates operational data and detects exceptional events. A management station includes management software (a "manager") at the application level which requests operational data or receives event notifications from the agent using management protocols. The management station is further equipped to interpret the operational data and event information to effect control of the network operations.

Simple Network Management Protocol (SNMP) (J. Case et al., "A Simple Network Management Protocol", RFC 1157, May 1990...).

30/5,K/38 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00499162 **Image available**

NETWORK MANAGEMENT

SYSTE ME ET PROCE DE PLATE-FORME DE TELECOMMUNICATIONS

Patent Applicant/Assignee:

ALCATEL USA SOURCING L P,
SHAH Mahesh V,
MCDANIEL David W,

VATTERONI James R,
JAGGERS Stephen B,
WORLINE Mark E,

Inventor(s):

SHAH Mahesh V,
MCDANIEL David W,
VATTERONI James R,
JAGGERS Stephen B,
WORLINE Mark E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9930514 A2 19990617
Application: WO 98US26439 19981211 (PCT/WO US9826439)
Priority Application: US 9769576 19971212

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG

Main International Patent Class (v7): H04Q-003/00

International Patent Class (v7): H04L-012/24

Publication Language: English

Fulltext Availability:

Detailed Description
Claims

Fulltext Word Count: 19604

English Abstract

A method of providing a software interface between application programs performing telecommunications functions and an operating system running on at least one node at a site supporting the application programs, and further forming an interface between the application programs and a telecommunications network is provided. The method includes providing a network platform manager operable to remove nodes from service, restore nodes to service, remove applications from service, and restore applications to service, providing a network system integrity manager operable to monitor the nodes and to enable failed nodes to recover, providing a configuration manager operable to interface with a host coupled to the telecom platform, providing a node platform manager operable to provide management functions for a node, providing a service manager operable to start and stop processes at the direction of the node platform manager, and providing a node system integrity manager operable to monitor inter-node links.

French Abstract

L'invention concerne un procede permettant d'obtenir une interface logicielle entre des programmes d'application executant des fonctions de telecommunications et un systeme d'exploitation s'executant sur au moins un noeud au niveau d'un site gerant les programmes d'application. Ledit procede permet egalement de former une interface entre les programmes d'application et un reseau de telecommunications. Le procede consiste a utiliser un gestionnaire de plate-forme de reseau permettant de mettre certains noeuds hors service, de les remettre en service, de mettre des applications hors service, et de remettre ces applications en service; a utiliser un gestionnaire d'integrite du systeme reseau conçu pour surveiller les noeuds et permettre une recuperation des noeuds ecartes; a utiliser un gestionnaire de configuration servant d'interface avec un systeme hote couple a la plate-forme de telecommunications; a utiliser un gestionnaire de plate-forme de noeuds assurant des fonctions de gestion pour un noeud; a utiliser un gestionnaire de services permettant de demarrer et arreter des processus en direction du gestionnaire de plate-forme de noeuds; et a utiliser un gestionnaire d'integrite de

systeme de noeuds permettant de controler les liaisons entre les noeuds.

Fulltext Availability:
Detailed Description

Detailed Description

... server nodes to service, removing applications from service, restoring applications from service, enabling or disabling applications , maintaining status of distributed applications , maintaining server node state and status, and reporting application status changes

Network management services 68 includes a network platform manager (NetPM), network system integrity subsystem (NetSI), and configuration manager (ConfigMgr). FIGURE 7A is a block diagram showing an active platform manager node 100 with...

...node includes a network platform manager 104, a network system integrity subsystem 106, and a configuration manager 108. A platform manager network test driver 110 provides network level testing

25
Network Platform Manager (NetPMMain)
The class...to service

15

Network System Integrity (NetsIMain)

The Network System Integrity (NetSI) subsystem 106 provides monitoring and recovery operations for the network element. It is responsible for implementing network monitoring and recovery. Operations implemented by Network System Integrity include:

platform manager active/standby status

monitoring

node failure report correlation

failed node recovery actions

The class name of Network System Integrity is NetSI. NetSI manages network system integrity for the platform manager . NetSI 106 receives notifications of server downgrades and communication faults from the NodeSI on the faulted node. NetSI 106 determines what...

30/5,K/42 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00484922 **Image available**

MERGED OPERATIONS AND MAINTENANCE CENTER AND METHOD OF OPERATION
CENTRAL DE MAINTENANCE ET D'OPERATIONS FUSIONNEES ET PROCEDE D'EXPLOITATION
Patent Applicant/Assignee:

ALCATEL USA SOURCING L P,

Inventor(s):

FLETCHER Anthony G,

HOFFPUAIR Scott D,

YANCY Kevin E,

VAN DE HOUTEN Richard A,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9916274 A1 19990401

Application: WO 98US20188 19980925 (PCT/WO US9820188)

Priority Application: US 9760107 19970926; US 9826487 19980219; US 9826809 19980219

Designated States:

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE
LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class (v7): H04Q-007/34

International Patent Class (v7): H04Q-003/00

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext word Count: 16102

English Abstract

In one aspect of the present invention, merged operations and maintenance center (200) is provided that performs radio and switch operations and maintenance functions for a telecommunications system such as an integrated wireless telecommunications system (14). The merged operations and maintenance center (200) may be in communication with a call processor (40) and includes a plurality of servers and a graphical user interface. The plurality of servers may include a configuration management server (72) for performing configuration management, a fault management server (74) for performing fault management, and an accounting management server (78) for performing accounting management. The merged operations and maintenance center (200) may be implemented as a network management system server (70) in communication with a network management system client (90).

French Abstract

Dans l'un de ses aspects, cette invention concerne un central de maintenance et d'operations fusionnees (200) qui execute des operations de radiocommunication et de commutation et assume des fonctions de maintenance pour un systeme de telecommunications, tel qu'un systeme de telecommunications sans fil integre (14). Ce central de maintenance et d'operations fusionnees (200) peut etre en communication avec un processeur d'appels (40) et contient plusieurs serveurs et une interface utilisateur graphique. Les serveurs peuvent contenir un serveur de gestion de configuration (72) assurant une gestion de la configuration, un serveur de gestion de defaillances (74) assurant la gestion des defaillances, ainsi qu'un serveur de gestion de comptabilite (78) assurant la gestion de la comptabilite. Ce central de maintenance et d'operations fusionnees (200) peut etre realise sous la forme d'un serveur (70) de systeme de gestion de reseau en communication avec un client (70) de systeme de gestion de reseau.

Fulltext Availability:

Detailed Description

Claims

English Abstract

In one aspect of the present invention, merged operations and maintenance center (200) is provided that performs radio and switch operations and maintenance functions for a telecommunications system such as an integrated wireless telecommunications system (14). The merged operations and maintenance center (200) may be in communication with a call processor (40) and includes a plurality of servers and a graphical user interface. The plurality of servers may include a configuration management server (72) for performing configuration management, a fault management server (74) for performing fault management, and an accounting management server (78) for performing accounting management. The merged operations and maintenance center (200) may be implemented as a network management system server (70) in communication with a network management system client (90).

Detailed Description

... foregoing it may be appreciated that a need has arisen for a merged operations and maintenance center and method of operation that may include a network management system server and associated...network management system client and

a call processor. The network management system server includes a configuration management server for performing SUBSTITUTE SHEET (RULE 26)

configuration management , and a fault management server for performing fault management. The network management system server further includes an accounting management...

...database server for storing event information. Other aspects of the present invention include various other servers of the network management system server and arrangements between the network management system server , the network management system client and the call processor.

The present invention provides a multitude of technical advantages. One technical advantage of the present invention includes the ability to provide operations and maintenance functions, both radio and switch related, using one system. This reduces overall system costs and...various resources of the resource assembly 60. Specifically, the NMS-S 70 preferably includes a configuration management element 72, a fault management element 74, a performance management element 76, an accounting management element 78, a security management element 80, and a system management element 82.

These elements provide operations , administration, maintenance and provisioning related services , and preferably include one or more logical servers implemented as one or more software objects or programs that are implemented, preferably, using object...of these functional areas correspond to a software client of the NMS-C 90. The security management server 80 is preferably responsible for validating operator log-in information and restricting access...

...corresponding clients of the NMS-C 90: the configuration management server 72, the fault management server 74, the performance management server 76, accounting management server 78 and the system management server 82 The configuration management server 72 includes an HLR/AuC server 128, a VLR server 130, a MAPP server 132, a signaling server 134 (such as an SS7 server), an...126 and the EFR server 124 are provided in FIGURE 3 as part of the fault management server 74, it should be understood that the log server 126 and the EFR server 124 may be provided or grouped with or separate from the fault management server 74 and the fault management server 122.

Thus, it is apparent that there has been provided, in accordance with the present invention, a network management system server and method for operation that satisfies the advantages set forth above. Although the present invention has been described in...

Claim

1. A merged operations and maintenance center in

communication with a call processor of a telecommunications system, the merged...

...is and
a user interface operable to access the servers.

2 The merged operations and maintenance center of Claim 1, wherein the telecommunications system is a wireless telecommunications system.

3 The merged operations and maintenance center of Claim 2, wherein the wireless telecommunications system is an integrated wireless telecommunications system.

SUBSTITUTE SHEET (RULE 26)

The merged operations and maintenance center of Claim 3, wherein the integrated wireless telecommunications system is a Global System for Mobile Communications system .

5 The merged operations and maintenance center of Claim 1, wherein the servers are implemented on a first processor and the user interface is implemented on a second processor.

6 The merged operations and maintenance center of Claim 1, wherein the servers and the user interface are implemented on a first processor.

7 The merged operations and maintenance center of Claim 1, wherein the servers interface with the call processor.

8 The merged operations and maintenance center of Claim 3, wherein integrated wireless telecommunications system uses a technology from a group...

...multiple access technology and a personal communications services technology.

SUBSTITUTE SHEET (RULE 26)

The merged operations and maintenance center of Claim 1, further comprising:
an event filtering and routing server operable...management server operable to perform fault management;
an accounting management server operable to perform accounting management ;
an event filtering and routing server operable to receive event information and to route the event information to one or more of the servers; and
a database server operable to store event information.

27 The network management system server of Claim 26, wherein the telecommunications system is a wireless telecommunications system.

28...SHEET (RULE 26)

34 The network management system server of Claim 26, further comprising:
a security management server operable to perform system management.

35 The network management system server of Claim 34...
...the network management system server operates under the control of an operating system and the security

management server uses the operating system to provide security management functions.

36 The network **management system** server of Claim 26, wherein the configuration management server includes one or more servers...

...of the call processor.

41 The network **management system** server of Claim 26, wherein the fault management server includes the event filtering and routing server and the database server.

42 The network **management system** server of...operates under the control of a real-time operating system operable to process real-time events .

46 The network **management system** server of Claim 45, wherein the real-time operating system is QNX.

47 The...management system client and the call processor are implemented using one processor.

63 The network **management system** server of Claim 26, wherein the network management system server, the network management system...

...with a corresponding home location register object of the call processor.

70 The network **management system** server of Claim 69, wherein the home location register server includes a server subscription database and is operable to provide subscription management off-line from...

...server subscription database.

SUBSTITUTE SHEET (RULE 26)

71 A method for operation of a network **management system server** comprising:
performing configuration management using a configuration management server ;
performing fault management using a fault management server;
performing accounting management using an accounting management...

...retrieving information using a database server.

72 The method of Claim 71, further comprising:
performing performance management using a performance management server .

73 The method of Claim 72, further comprising:
performing system management using a system management server .

SUBSTITUTE SHEET (RULE 26)

30/5,K/43 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00484918 **Image available**

**INTEGRATED TELECOMMUNICATIONS SYSTEM
SYSTEME DE TELECOMMUNICATIONS INTEGRE**

Patent Applicant/Assignee:

ALCATEL USA SOURCING L P,

Inventor(s):

FLETCHER Anthony G,

HOFFPAUIR Scott D,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9916270 A1 19990401

Application: WO 98US20087 19980925 (PCT/WO US9820087)

Priority Application: US 9760107 19970926; US 9825870 19980219

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE
LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Main International Patent Class (v7): H04Q-007/24

International Patent Class (v7): H04Q-007/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 14006

English Abstract

The present invention, as described and claimed, provides for an integrated wireless telecommunications system. Such telecommunications system integrates functionality and elements that are commonly found in distinct components of conventional wireless telecommunications systems. For example, the telecommunications system may include a radio controller and switching center.

French Abstract

La presente invention, telle qu'elle est decrite et revendiquee, concerne un systeme de telecommunications integre sans fil. Ce systeme de telecommunications integre des fonctionnalites et des elements rencontres communement dans les elements distincts de systemes classiques de telecommunications sans fil. Par exemple, le systeme de telecommunications peut comprendre un controleur radio et un central.

Fulltext Availability:

Detailed Description

Detailed Description

... resources of the resource assembly 448. Specifically, the NMS server 444 includes the following elements: configuration management 408, fault management 410, performance management 412, accounting management 414, security management 416, and system management 418. Those elements are operable to provide operations, administration and maintenance related services, and preferably include one or more logical servers.

The configuration management element 408 includes one or more servers to provide services necessary to administer the configurable...

...processing application 440, the resource manager 402 and the SS7 element 404. As such, the configuration management element 408 is operable to modify configuration information associated with the call processing application 440...

...such as the base station controller 432 and mobile switching center 434. Servers of the configuration management

element 408 preferably contain software objects that retain attribute information so as to allow an...

...of the call processing application 440, the resource manager and the SS7 element 404.

The fault management element 410 provides for the detection, logging and reporting of alarms, errors, and selected events...

30/5, K/44 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00484875 **Image available**

GENERIC WIRELESS TELECOMMUNICATIONS SYSTEM
SYSTEME GENERIQUE DE TELECOMMUNICATIONS SANS FIL

Patent Applicant/Assignee:

ALCATEL USA SOURCING L P,

Inventor(s):

FLETCHER Anthony G,
HOFFPAUIR Scott D,
KINSEY Kelvin K,
LIAO Steve B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9916227 A2 19990401

Application: WO 98US20117 19980925 (PCT/WO US9820117)

Priority Application: US 9760107 19970926; US 9826810 19980219

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO
NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE
LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
Main International Patent Class (v7): H04M

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 23645

English Abstract

A generic telecommunications system and associated methods are disclosed herein. Such generic telecommunications system provides for, among other things, a call processing application that can be used with telecommunications systems that incorporate varying different technologies and standards. Such call processing applications may, for example, include a home location register, visitor location register and mobile switching center elements. In addition, the call processing application may include an application provider and/or radio controller elements. Those elements are preferably implemented as software entities including one or more software objects. As software entities of the same application, those elements may readily communicate with, and invoke operations associated with, one another. Further, as disclosed herein, software entities of the call processing application may also readily communicate with, and invoke operations associated with, software entities of other applications. In addition, agents associated with the switching center, may facilitate the call processing of calls originating and terminating in accordance with varying access technologies.

French Abstract

L'invention concerne un systeme generique de telecommunications et les procedes associes. Ce systeme generique de telecommunications fournit,

entre autres choses, une application de traitement d'appels pouvant etre utilisee avec des systemes de telecommunications presentant differentes technologies et differentes normes variables. Ces applications de traitement d'appels peuvent, par exemple, comprendre un enregistreur de localisation nominal, un enregistreur de localisation de visiteurs et des elements de centraux mobiles. De plus, l'application de traitement d'appels peut comprendre un fournisseur d'application et/ou des elements controleurs radio. Ces elements sont de preference mis en oeuvre sous forme d'entites logicielles contenant un ou plusieurs objets logiciels. En tant qu'entites logicielles de la meme application, ces elements peuvent communiquer facilement entre eux et invoquer des operations leur etant associees. De plus, tel que le decrit l'invention, les entites logicielles de l'application de traitement d'appels peuvent egalement communiquer facilement avec les entites logicielles d'autres applications et invoquer des operations leur etant associees. De plus, des agents associes au central peuvent faciliter le traitement d'appels emis et arrivant selon diverses technologies d'accès.

Fulltext Availability:

Detailed Description

Detailed Description

... resources of the resource assembly 448.

Specifically, the NMS server 444 includes the following elements: configuration management 408, fault management 410, performance management 412, accounting management 414, security management 416, and system management 418. Those elements are operable to provide operations, administration and maintenance related services, and preferably include one or more logical servers.

The configuration management element 408 includes one or more servers to provide services necessary to administer the configurable the

configuration management element 408 is operable to modify configuration information associated with the call processing application 440...

...such as the base station

controller 432 and mobile switching center 434. Servers of the configuration management element 408 preferably contain software objects that retain attribute information so as to allow an...

...of the call processing application 440, the resource manager and the SS7 element 404. The fault management element 410 provides for the detection, logging and reporting of alarms, errors, and selected events...444 are preferably implemented as distinct software layers. Further, the NMS client elements 622-634, performance management server 412, accounting management server 414, security management server 416, system management server 418, system controller 406, SS7 element 404, resource manager 448, elements provided in the call processing application 440, as well as the configuration management 408 and fault management 410 elements, are preferably implemented as software entities. As such, ...virtual connections 654 are preferably formed between software entities of the

SUBSTITUTE SHEET (RULE 26)

configuration management element 408 and corresponding software entities of the call processing application 440, between the system management 418 and system controller 406 elements, as well as between the EFR server 618 and performance management server

5 412 and various software entities of the call processor assembly
450. virtual connections...
? t30/5,k/52,56,63

30/5,K/52 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00433800

SYSTEM AND METHOD FOR THE COMMUNICATION OF OPERATION AND MAINTENANCE,
ADMINISTRATION AND PROVISIONING OVER AN ATM NETWORK
Système et procédé de transmission d'exploitation et de maintenance,
d'administration et de mise en service sur un réseau en mode de
transfert asynchrone

Patent Applicant/Assignee:

TELEFONAKTIEBOLAGET LM ERICSSON (publ),
Inventor(s):

LEMIEUX Yves,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9824264 A1 19980604

Application: WO 97SE1891 19971111 (PCT/WO SE9701891)

Priority Application: US 96757581 19961127

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class (v7): H04Q-011/04

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10615

English Abstract

To support communications system repairability, a scalable multi-level data bit stream (38), capable of supporting variable bandwidth ATM network access, includes an embedded operation channel (42) used by a transport network management system (34) to support connection maintenance, performance monitoring, path tracing, service management and testing functionalities. The transport network management system effectuates a service specific convergence sub-layer functionality to convert (256) between Common Management Information Protocol (CMIP) formatted operation and maintenance managed objects and a message format for the embedded operation channel data. The conversion comprises a Remote Operations Service Element (ROSE) encapsulation (258), with the encapsulated data incorporated within the embedded operation channel of the multi-level data bit stream. An interface is provided with the ATM network through an ATM adaptation layer to segment the multi-level data bit stream into a plurality of ATM Cells (26). Operation and maintenance message communication with the transport network management system is provided for both wireless and wireline communications systems accessing the ATM network.

French Abstract

Afin de pouvoir assurer la réparation d'un système de communication, un train binaire (38) à données de niveaux multiples échelonnables, capable de prendre en charge un accès réseau en mode ATM de largeur de bande variable, comprend un canal d'exploitation intégré (42) utilisé par un système (34) de gestion de réseau de transport afin de prendre en charge des fonctionnalités de maintenance de connexion, de contrôle de fonctionnement, de localisation de trajet, de gestion et de test de

service. Le systeme de gestion de reseau de transport execute une fonctionnalite de sous couche de convergence specifique au service afin d'effectuer une conversion (256) entre des objets geres d'exploitation et de maintenance formates en protocole commun d'informations de gestion (CMIP), et un format de message pour les donnees du canal d'exploitation integre. La conversion comprend une encapsulation (258) d'element du service d'operations distantes (ROSE), les donnees encapsulees etant incorporees dans le canal d'exploitation integre du train binaire de donnees multi-niveaux. On a prevu une interface avec le reseau ATM par l'intermediaire d'une couche d'adaptation ATM pour segmenter le train binaire de donnees multi-niveaux en une pluralite de cellules ATM (26). La communication d'un message d'exploitation et de maintenance avec le systeme de gestion de reseau de transport est assuree pour les deux systemes de communication sans fil et filaire accedant au reseau ATM.

Fulltext Availability:

Detailed Description
Claims

Detailed Description

... system 34 (via an enable/disable input selection). To facilitate the transmission and storage of **operation** and **maintenance** data, the EOC insertion and extraction handler 74 is connected to a local data base... made to FIGURE 10 wherein there is shown a block diagram of the transport network management system 34 which includes a transport network management system server 250. The server 250 performs all of the standard management functionalities set forth in ITU standard M. 301 0. The main functions performed by the server 250 are: fault management , performance management , configuration management , security management , and accounting management . The transport network management system 34 further includes a central manager 252 (manager 39 of...

Claim

... the transport network management system over the second communications link for inserting and extracting system **operation** and **maintenance** information into and from the embedded operation channel of the communications bit stream...

...network management server for encapsulating the CMIP formatted operation and maintenance data within a remote operations service element (ROSE) encapsulation; and an embedded operation channel controller connected to the encapsulator to format the ROSE encapsulated CMIP formatted **operation** and **maintenance** data into 1 5 an embedded operation channel data format for transmission over the second communications link to the second access node, the controller further connected to the transport network management server to determine information therefrom for inclusion in formatting the embedded operation channel.

5 The system of claim 4 wherein the transport network management server performs the functions of fault management , performance management , configuration management , security management and accounting management with respect to the system.

6 The system of claim 4 wherein the information obtained...the transport network management system over the second communications link for inserting and extracting system **operation** and **maintenance** information into and from the embedded operation channel of the communications bit stream...

...operation channel controller connected to the encapsulator to fon-nat the ROSE encapsulated CMIP forinatted **operation** and maintenance data into an embedded **operation** channel data format for transmission over the second communications link to the second access node, the controller further connected to the transport network management server to determine information therefrom for inclusion in...

...the embedded operation channel.

12 The system of claim 1 1 wherein the transport network management server performs the functions of fault management , performance management , configuration management , security management and accounting management with respect to the system.

13 The system of claim 1 1 wherein the information...the transport network management system over the second communications link for inserting and extracting system **operation** and maintenance information into and from the embedded operation channel of the communications bit stream...

...operation channel controller connected to the encapsulator to format the ROSE encapsulated CMIP fon-natted **operation** and maintenance data into an embedded **operation** channel data format for transmission over the second communications link to the second access node, the controller further connected to the transport network management server to determine information therefrom for inclusion in formatting the embedded operation channel.

19 The system of claim 18 wherein the transport network management server performs the functions of fault management , performance management , configuration management , security management and accounting management with respect to the system.

20 The system of claim 18 wherein the information obtained...bit stream basic block. - 31

27 The system of claim 22 wherein the transport network management system comprises:

a transport network management server including a manager functionality and a managed information...

...system of claim 27 wherein the transport network management server performs the functions of fault management , performance management , configuration management , security management and accounting management with respect to the system.

29 The system of claim 27 wherein the information obtained...a plurality of communications channels.

34 The system of claim 33 wherein the transport network management server performs the functions of fault management , performance management , configuration management , security management and accounting management with respect to the system. - 3 3

35 The system of claim 33 wherein the...

30/5,K/56 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00401828 **Image available**
ENTERPRISE TRANSITION SYSTEM FOR A DISTRIBUTED INFRASTRUCTURE
SYSTEME DE TRANSITION POUR ENTREPRISE DESTINE A UNE INFRASTRUCTURE REPARTIE
Patent Applicant/Assignee:

I-CUBE,
EAGER Timothy,

ANAND Madhav,
ASLANIAN Edouard,
Inventor(s):

EAGER Timothy,
ANAND Madhav,
ASLANIAN Edouard,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9742572 A1 19971113

Application: WO 97US7348 19970501 (PCT/WO US9707348)

Priority Application: US 9616330 19960503; US 96714205 19960916

Designated States:

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AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU GH KE LS MW SD SZ
UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC
NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Main International Patent Class (v7): G06F-009/44

International Patent Class (v7): G06F-17:60

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 19408

English Abstract

An automated system transitions an entire enterprise to a distributed infrastructure. The system includes a process for organizing and managing the transition, a multi-tiered client/server architecture that adheres to open systems standards, a system to automate the transition of existing applications to this architecture, and a system to enable the creation or modification of applications based on this architecture.

French Abstract

Un systeme automatise effectue la transition, pour l'ensemble d'une entreprise, vers un systeme reparti. Le systeme comprend un procede permettant d'organiser et de gerer la transition, une architecture client/serveur etagee, qui applique les standards des systemes ouverts, un systeme permettant d'automatiser la transition des applications existantes vers ladite architecture, et un systeme permettant de creer ou de modifier des applications sur la base de cette architecture.

Patent and Priority Information (Country, Number, Date):

Patent: ... 19971113

Fulltext Availability:

Detailed Description

Publication Year: 1997

Detailed Description

... the control layer 160 of FIG. 1. The control layer 160 includes utilities for transaction management 161, security 162, system administration 163, server management 164, accounting 165, network management 166, and configuration management 167. These utilities can take the form of libraries or can consist of graphical user...

30/5,K/63 (Item 28 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00246221 **Image available**

ENTITY MANAGEMENT SYSTEM WITH REMOTE CALL FEATURE
SYSTEME DE GESTION D'ENTITE PRESENTANT UNE CARACTERISTIQUE D'APPEL A DISTANCE

Patent Applicant/Assignee:

DIGITAL EQUIPMENT CORPORATION,

Inventor(s):

STRUTT Colin,

SWIST James Anthony,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9320508 A1 19931014

Application: WO 93US3402 19930402 (PCT/WO US9303402)

Priority Application: US 92864802 19920407

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Main International Patent Class (v7): G06F-009/40

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8426

English Abstract

Apparatus and a related method for managing entities in a complex and, in general, geographically distributed system, such a distributed data processing system. The management approach is defined in terms of a generalized model having management modules integrated into a single cooperative system by a management director kernel. The management modules include presentation modules to provide an interface with users who manage the complex system, access modules to provide an interface with managed entities or devices, and function modules to define various functions that may be performed in controlling or monitoring the managed entities. If the complex system being managed is large, a managed entity and an associated access module may be located on one physical system, while a presentation module is located on another physical system, close to the user, and a function module being used might be located on yet another physical system, for reasons of processing convenience. The present invention provides a convenient mechanism, consistent with the management model, for forwarding procedure calls between management modules located on different physical systems, through management director kernels located on different physical systems. Two types of remote procedure calls are disclosed, one to forward procedure calls for invoking primitive functions, each on a single managed entity, and a more powerful remote procedure call for invoking higher-level functions relating to user-defined domains of multiple managed entities.

French Abstract

Dispositif et procede correspondant servant a gerer des entites dans un systeme complexe et generalement reparti geographiquement, tel qu'un systeme de traitement de donnees reparties. La notion de gestion est definie en termes de modele generalise possedant des modules de gestion integres dans un systeme cooperatif unique par un noyau directeur de gestion. Les modules de gestion comprennent des modules de presentation servant a constituer une interface avec les utilisateurs gerant le systeme complexe, des modules d'accès servant a constituer une interface avec les entites ou avec les dispositifs geres, ainsi que des modules fonctionnels servant a definir differentes fonctions realisables pour le controle ou la commande des entites gerees. Si le systeme complexe gere est important, une entite geree et un module d'accès associe peuvent se trouver sur un systeme physique, tandis qu'un module de presentation se trouve sur un autre systeme physique, proche de l'utilisateur et un module fonctionnel en cours d'utilisation peut eventuellement se trouver sur encore un autre systeme physique, pour des raisons de souplesse de traitement. L'invention decrit un mecanisme adapte, faisant partie du modele de gestion et servant a acheminer des appels de procedure entre les modules de gestion situes sur differents systemes physiques par l'intermediaire de noyaux directeurs de gestion situes sur differents

systèmes physiques. L'invention décrit deux types d'appels de procédure à distance, un servant à acheminer des appels de procédure servant à invoquer des fonctions primitives, chacune sur une entité gérée unique, ainsi qu'un appel de procédure à distance plus puissant servant à invoquer des fonctions situées à un niveau supérieur et relatives à des domaines définis par l'utilisateur et appartenant à des entités gérées multiples.

Patent and Priority Information (Country, Number, Date):

Patent: ... 19931014

Fulltext Availability:

Detailed Description

Publication Year: 1993

Detailed Description

... which provide services to users connected to the networks. A server may, for example, may control access to large amounts of data, or may control printersr telecommunications equip mentr and so...

...such complex distributed systems encompasses at least five functional areas: configuration management,, fault managementr performance management , accounting management and security management . Configuration management includes the ability to modify operating parameters of a network and its components, and the ability to identify every component and to reconfigure the network. Fault management refers to the detectionr diagnosisr correction .

and prevention of network and system faults and error conditions. Performance management is the monitoring of the performance of managed "objects" or "entities," as well as the...

...costs associated with usager and to generate the data needed to charge the appropriate users. Security management defines those facilities required to manage services, such as authentication of users I and providers" identities, control of access to resources r and the confidentiality of information within the network environment. More generally, network...

File 347:JAPIO Dec 1976-2007/Mar(Updated 070809)

(c) 2007 JPO & JAPIO

File 350:Derwent WPIX 1963-2007/UD=200758

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Set	Items	Description
S1	2332667	MAINTENANCE OR MAINTAIN? OR MANAG??? OR MANAGEMENT OR MONITOR??? OR TRACK???
S2	346891	S1(5N)(SERVICES OR TOOLS OR RESOURCES OR SYSTEM? ? OR EQUIPMENT?)
S3	34628	(SOFTWARE OR APPLICATION? ? OR APP? ?)(3N)(DISTRIBUT? OR DELIVER??? OR INSTALL??? OR INSTALLATION OR DISSEMINAT? OR PUSH?? OR LOAD??? OR DEPLOY?)
S4	337815	CONFIGURATION OR ASSET?
S5	39436	(FAULT? ? OR FAIL???? OR MALFUNCTION? OR EVENT? ?)(5N)(MANAGEMENT OR DIAGNOS? OR CORRECT? OR RECOVER? OR REPAIR? OR RESTOR??? OR RESTORATION?)
S6	7429	(FAULT? ? OR FAIL???? OR MALFUNCTION? OR EVENT? ?)(5N)(MANAG??? OR ASSESS??? OR EVALUAT?)
S7	1359044	CAPACITY OR USAGE OR LOAD
S8	3995705	PERFORMANCE OR OPERATION? ? OR FUNCTION? ?
S9	8878	LICENSE
S10	273311	REMOTE
S11	164428	SECURITY OR ACCESS(3N)(CONTROL??? OR CONTROLL??? OR PRIVILEGE? ?)
S12	26052	(ADMINISTRATION OR SUPPORT? OR ASSIST?)(3N)(USER? ? OR CLIENT? ? OR CUSTOMER? ?)
S13	279	HELPDESK? OR HELP()DESK? ?
S14	251939	NETCENTRIC OR NET()CENTRIC OR SERVER? ?
S15	252341	SERVER?
S16	2843	S2 AND S12
S17	1683	S16 AND (S3 OR S5:S11 OR S13)
S18	639	S17 AND S14:S15
S19	49	S18 AND PY=1963:1998
S20	125	S18 AND AY=1963:1998 AND AC=US
S21	133	S19:S20
S22	27	NETCENTRIC? OR NET()CENTRIC?
S23	0	S21 AND S22
S24	209632	S1(5N)(S4 OR S7:S8)
S25	57	S21 AND S24
S26	17594	S15(10N)S2
S27	3670	S26 AND S24
S28	892	S27 AND (S3 OR S5:S6 OR S11:S13)
S29	773	S28 NOT S18
S30	38	S29 AND PY=1963:1997
S31	77	S29 AND AY=1963:1997 AND AC=US
S32	84	S30:S31
S33	84	IDPAT (sorted in duplicate/non-duplicate order)
S34	84	IDPAT (primary/non-duplicate records only)

? t25/69,k/16,20-21,24,31,36,41,43,49

25/69,K/16 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012457668 - Drawing available
WPI ACC NO: 2002-403583/200243
Related WPI Acc No: 2003-379274
XRXPX Acc No: N2002-316689

Application program management method for client-server network, involves establishing user desktop interface at client terminal responsive to login request from user

Patent Assignee: COX D E (COXD-I); HAYES K F (HAYE-I); LINDQUIST D B (LIND-I); MCGARVEY J R (MCGA-I); SALAHSHOUR A (SALA-I); INT BUSINESS MACHINES CORP (IBMC)

Inventor: COX D E; HAYES K F; LINDQUIST D B; MCGARVEY J R; SALAHSHOUR A
Patent Family (2 patents, 1 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
US 20020032763	A1	20020314	US 1998211528	A	19981214	200243 B
			US 2001870608	A	20010531	
US 7069293	B2	20060627	US 1998211528	A	19981214	200643 E
			US 2001870608	A	20010531	

Priority Applications (no., kind, date): US 1998211528 A 19981214; US 2001870608 A 20010531

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 20020032763	A1	EN	23	10	Division of application US 1998211528
US 7069293	B2	EN			Division of application US 1998211528
					Division of patent US 6510466

Alerting Abstract US A1
NOVELTY - An user desktop interface (226) comprising several display regions associated with the user authorized application programs installed at a web server (204), is established at a client terminal (202) responsive to a login request from the user. An application program selected from the desktop interface, is received at the server whose instance is provided to the client for execution.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. Application program distribution method;
2. Application program distribution system ;
3. Application program management system ;
4. Computer program product for distributing application program ;
5. Computer program product for managing application programs

USE - For managing application programs in client-server network e.g. Internet.

ADVANTAGE - Allows user preferences to be maintained independent of hardware location of the user along with centralized distribution of new and/or updated application programs, thereby resulting in cost reduction and increased uniformity in deploying software in a network environment.

DESCRIPTION OF DRAWINGS - The figure shows a schematic view of an on-demand server system.

202 Client terminal
204 Web server
226 User desktop interface

Title Terms/Index Terms/Additional words: APPLY; PROGRAM; MANAGEMENT; METHOD; CLIENT; SERVE; NETWORK; ESTABLISH; USER; INTERFACE; TERMINAL; RESPOND; REQUEST

Class Codes

International Classification (Main): G06F-015/16
(Additional/Secondary): G06F-015/173

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0015/16 A I F B 20060101

G06F-0009/44 A I L B 20060101

G06F-0009/445 A I L B 20060101

US Classification, Issued: 709203000, 709223000, 709203000, 709228000,
709218000, 709219000, 717171000, 717172000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F05G; T01-N02B1; T01-S03

Application program management method for client- server network, involves establishing user desktop interface at client terminal responsive to login request from user

Original Titles:

Methods, systems and computer program products for distribution of application programs to a target station on a network...

...Methods, systems and computer program products for distribution of application programs to a target station on a network

Alerting Abstract ...NOVELTY - An user desktop interface (226) comprising several display regions associated with the user authorized application programs installed at a web server (204), is established at a client terminal (202) responsive to a login request from the user. An application program selected from the desktop interface, is received at the server whose instance is provided to the client for execution.... Application program distribution method; Application program distribution system ; Application program management system ; Computer program product for distributing application program ; Computer program product for managing application programs

...
...USE - For managing application programs in client- server network e.g. Internet.

...centralized distribution of new and/or updated application programs, thereby resulting in cost reduction and increased uniformity in deploying software in a network environment.

...
...DESCRIPTION OF DRAWINGS - The figure shows a schematic view of an on-demand server system.

...
...204 web server

Original Publication Data by Authority

Original Abstracts:

Methods, systems and computer program products for management of application programs on a network including a server supporting client stations are provided. The server provides applications on-demand to a user logging in to a client supported by the server. Mobility is provided to the user and hardware portability is provided by establishing a user desktop interface responsive to...

...screen through a web browser interface which accesses and downloads selected application programs from the server responsive to a request from the user on the user desktop screen at the client. The application program is then provided from the server and executed at the client. The application program may further be customized to conform to the user's preferences and may also provide for license use management by determining license availability before initiating execution of the application program. Finally, software distribution and installation may be provided from a single network management server.

...

...Methods, systems and computer program products for management of application programs on a network including a server supporting client stations are provided. The server provides applications on-demand to a user logging in to a client supported by the server. Mobility is provided to the user and hardware portability is provided by establishing a user desktop interface responsive to a login request which presents...

...screen through a web browser interface which accesses and downloads selected application programs from the server responsive to a request from the user on the user desktop screen at the client. The application program is then provided from the server and executed at the client. The application program may further be customized to conform to the user's preferences and may also provide for license use management by determining license availability before initiating execution of the application program. Finally, software distribution and installation may be provided from a single network management server. >

Claims:

...is claimed:1. A method for management of application programs on a network including a server and a client comprising the steps of: installing a plurality of application programs at the server ;receiving at the server a login request from a user at the client;establishing a user desktop interface at the client associated with the user responsive to the login request from the...

...interface including a plurality of display regions associated with a set of the plurality of application programs installed at the server for which the user is authorized;receiving at the server a selection of one of the plurality of application programs from the user desktop interface; and providing an instance of the selected one of the plurality of application programs to the client...

...That which is claimed:1. A method for distribution of application programs to a target on-demand server on a network comprising the following executed on a centralized network management server coupled to the network: providing an application program to be distributed to the network management server ; specifying a source directory and a target directory for distribution of the application program ;preparing a file packet associated with the application program and including a segment configured to initiate registration operations for the application program at the target on-demand server ; and distributing the file packet to the target on-demand server to make the application program available for use by a user at a client.

25/69, K/20 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0011159225 - Drawing available
WPI ACC NO: 2002-096613/200213
Related WPI Acc No: 2001-564592
XRPX Acc No: N2002-071318

Application program management method in computer networks, involves executing application program in response to user request using configurable preferences obtained from user and administrator

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: COX D E; HAYES K F; KAMINSKY D L; LINDQUIST D B

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6324578	B1	20011127	US 1998211529	A	19981214	200213 B

Priority Applications (no., kind, date): US 1998211529 A 19981214

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6324578	B1	EN	18	5	

Alerting Abstract US B1

NOVELTY - An application program (AP) having multiple configurable preferences and authorized users is installed on a server. An application launcher program associated with the AP is transmitted to a client. Sets of configurable preferences are obtained from authorized user executing the launcher program and an administrator. The AP is executed in response to a request from a user using the preferences obtained from the user and administrator.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. Application management system ;
2. Computer program product for application program management in a network

USE - For managing application program in computer networks e.g. Internet, WAN, LAN.

ADVANTAGE - Since the application program is executed with respect to user preferences which are tracked independent of hardware location of user, cost is reduced and administration uniformity is increased.

DESCRIPTION OF DRAWINGS - The figure shows the flow chart explaining application program management method.

Title Terms/Index Terms/Additional Words: APPLY; PROGRAM; MANAGEMENT; METHOD; COMPUTER; NETWORK; EXECUTE; RESPOND; USER; REQUEST; CONFIGURATION ; OBTAIN; ADMINISTER

Class Codes

International Classification (Main): G06F-011/00

(Additional/Secondary): G06F-015/16

US Classification, Issued: 709223000, 709224000, 709225000, 709201000, 709310000, 707103000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F05B2; T01-N01D3; T01-N02A2A; T01-N02A2B; T01-N02A3C; T01-S03

Original Titles:

Methods, systems and computer program products for management of

configurable application programs on a network.

Alerting Abstract ...An application program (AP) having multiple configurable preferences and authorized users is installed on a server . An application launcher program associated with the AP is transmitted to a client. Sets of...

...Application management system ; Computer program product for application program management in a network...

...user preferences which are tracked independent of hardware location of user, cost is reduced and administration uniformity is increased .

Original Publication Data by Authority

Original Abstracts:

...files for each configurable application program. The two program files are provided to a network server station which operates as the on-demand server for software deployment and may also act as the application server . The on-demand server makes the first (configuration manager) program available to an administrator to obtain preferences for the configurable preferences of the application program which have been designated as administrator preferences. The on-demand server also provides a second (application launcher) program to its client stations. The application launcher program...

...the application program. The application launcher program provides the identity of the user to the server along with the request to initiate execution of the application program. The on-demand server then initiates execution of the application program using stored values for the user and administrator...

Claims:

A method for management of configurable application programs on a network comprising the steps of: installing an application program having a plurality of configurable preferences and a plurality of authorized users on a server coupled to the network ; distributing an application launcher program associated with the application program to a client coupled to the network;obtaining a user set of the plurality...

Basic Derwent Week: 200213

25/69,K/21 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0011124835 - Drawing available

WPI ACC NO: 2002-061170/200208

Related WPI Acc No: 2002-255111

XRPX Acc No: N2002-045303

Administration of networked peripherals using particular file system involves reporting status of resource in accordance with value which is stored in identified memory in accordance with indicia of constant

Patent Assignee: HEWLETT-PACKARD CO (HEWP)

Inventor: EAMON R R; STOLLFUS B W

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6321258	B1	20011120	US 1997988854	A	19971211	200208 B

Priority Applications (no., kind, date): US 1997988854 A 19971211

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6321258	B1	EN	18	7	

Alerting Abstract US B1

NOVELTY - The method involves identifying a memory in accordance with the indicia of an external parameter and storing a value in the memory in accordance with the indicia of a constant if the obtained message corresponds to the indicia of the expected value. The status of the resource is reported in accordance with the value.

DESCRIPTION - A network is accessed to receive the identification of the resource. A second file is accessed based on the identification of the resource. A record read from the second file is then interpreted, in which the record comprises of the indicia of the external parameter, indicia of an address, indicia of the expected value and indicia of the constant. The indicia of the external parameter is absent from the instructions of the first file. The address is sent through the network to obtain the message, in which resource provides the message in response to the address.

INDEPENDENT CLAIMS are also included for the following:

1. the data storage medium storing the indicia;
2. and the programmed product used in a computer system for assisting user in installing, reconfiguring, upgrading, managing and monitoring operation of a resource in the computer system .

USE - For resource administration.

ADVANTAGE - Ensures independent development of administrator program that permits distribution of replacements for the file without replacement of the administrator program. Adds additional and interrelated files in an alternate variation without replacement of the administrator program. Ensures that program is independent of both data structure and file, allowing data structure and file to be revised and replaced without the need to revise or replace the program. Has system level expansion capabilities that is less likely to introduce errors into system functions that existed prior to expansion. Ensures simplified data structure development.

DESCRIPTION OF DRAWINGS - The figure is a tree diagram showing the hierarchical relations between files stored on a disk system.

Title Terms/Index Terms/Additional Words: ADMINISTER; PERIPHERAL; FILE; SYSTEM; REPORT; STATUS; RESOURCE; ACCORD; VALUE; STORAGE; IDENTIFY; MEMORY; INDICIA; CONSTANT

Class Codes

International Classification (Main): G06F-015/16

US Classification, Issued: 709220000, 709219000, 709220000, 709225000, 709230000, 709232000, 709203000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F02C; T01-F05B2; T01-N02A2; T01-N02A3C; T01-S03

Alerting Abstract ...storage medium storing the indicia; and the programmed product used in a computer system for assisting user in installing, reconfiguring, upgrading, managing and monitoring operation of a resource in the computer system .

...

...program. Has system level expansion capabilities that is less likely to introduce errors into system functions that existed prior to expansion. Ensures simplified data structure development

Original Publication Data by Authority

Original Abstracts:

A computer system having client workstations, a shared peripheral, and a web server on a local area network permits administration of the peripheral from the workstation. Administration includes initial installation of the peripheral, obtaining operating status, and reviewing periodic maintenance. The web server includes a general purpose administrator program and modular data files stored in predetermined directories. The...

Claims:

A method performed by a server for resource administration, the server coupled to the resource by a network, the server comprising a file system comprising a first file, the first file comprising instructions for performing the method...

Basic Derwent Week: 200208

25/69, K/24 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010356721 - Drawing available
WPI ACC NO: 2000-672357/200065
XRPX Acc No: N2000-498481

Method for managing, tracking, and reporting enterprise operations
Patent Assignee: PRINTABLE TECHNOLOGIES INC (PRIN-N); SOURCEFINDER INC (SOUR-N); TRIPORT TECHNOLOGIES INC (TRIP-N); TRIPORT TECHNOLOGIES INC FORMERLY SOURCE (TRIP-N)

Inventor: BASA M; BERTKEN D; DORNSIFE C E; LOVELAND M; MANOSH J; ROLEN D; ROSS E F; TAN M; ZAWADZKI J C

Patent Family (6 patents, 87 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
WO 2000030000	A2	20000525	WO 1999US26523	A	19991109	200065 B
AU 200016142	A	20000605	AU 200016142	A	19991109	200065 E
US 6226656	B1	20010501	US 1998191467	A	19981112	200126 E
US 20020032694	A1	20020314	US 1998191467	A	19981112	200222 E
			US 2001780099	A	20010209	
US 6526423	B2	20030225	US 1998191467	A	19981112	200323 E
			US 2001780099	A	20010209	
US 7107268	B1	20060912	US 1998108261	P	19981112	200660 E
			US 1999436146	A	19991109	

Priority Applications (no., kind, date): US 1998108261 P 19981112; US 1998191467 A 19981112; US 1999436146 A 19991109; US 2001780099 A 20010209

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2000030000	A2	EN	142	30	

National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200016142 A EN Based on OPI patent WO 2000030000

US 20020032694 A1 EN Continuation of application US 1998191467

US 6526423 B2 EN Continuation of patent US 6226656
1998191467 Continuation of application US

US 7107268 B1 EN Continuation of patent US 6226656
Related to Provisional US 1998108261

Alerting Abstract WO A2

NOVELTY - The method involves logging in from a computer network (102) to

a project manager server (110). One or more organizational entities are defined within the enterprise. One or more user groups associated with each organizational entity are then defined. One or more users associated with each user groups, and user roles associated with one of the user of the users are also defined.

DESCRIPTION - An INDEPENDENT CLAIM is also included for a centralized system for managing , tracking , and reporting enterprise operations .

USE - For managing , tracking , and reporting enterprise operations .

ADVANTAGE - Enables ready customization for any type of enterprise.

Prevents project manager from being limited to tasks, resources and files, but can accept infinite classes of user-defined objects. Users complete tasks is automatically kept up-to-date. It is accessed from any locations both inside and outside the enterprise, without requiring additional or customized software.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of an operational environment to which method for managing , tracking , and reporting enterprise operations is applied.

102 Computer network

110 Project manager server

Title Terms/Index Terms/Additional Words: METHOD; MANAGE; TRACK; REPORT; OPERATE

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06Q-0010/00 A I R 20060101

G06F-0017/30 A I F B 20060101

G06Q-0010/00 C I R 20060101

US Classification, Issued: 707513000, 707500000, 707010000, 707102000, 707506000, 707010000, 707102000, 709203000, 709219000, 705026000, 705037000, 707506000, 707009000, 707010000, 345765000, 705009000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H07C5S; T01-J05A2

Method for managing , tracking , and reporting enterprise operations

Original Titles:

...Centralized system and method for managing enterprise operations

...

...CENTRALIZED SYSTEM AND METHOD FOR MANAGING ENTERPRISE OPERATIONS

Alerting Abstract ...NOVELTY - The method involves logging in from a computer network (102) to a project manager server (110). One or more organizational entities are defined within the enterprise. One or more user

...
DESCRIPTION - An INDEPENDENT CLAIM is also included for a centralized system for managing , tracking , and reporting enterprise operations .

...

...USE - For managing , tracking , and reporting enterprise operations .

...

...ADVANTAGE - Enables ready customization for any type of enterprise. Prevents project manager from being limited to tasks, resources and files, but can accept infinite classes of user-defined objects. Users complete tasks is...

...DRAWINGS - The figure shows the block diagram of an operational environment to which method for managing , tracking , and reporting enterprise operations is applied...

...110 Project manager server

Original Publication Data by Authority

Original Abstracts:

...automated system and method for defining, creating, presenting, completing and processing generic specs. A spec server is coupled with a data base management system . The spec server comprises a content editor , a page builder, a content reader, a rule processor, a template generator and a compatibility...

...component. Optional components are selectively included by users completing the spec. Users access the spec server via the Internet. The page builder dynamically builds custom pages and presents them to users via a web browser...

...automated system and method for defining, creating, presenting, completing and processing generic specs. A spec server is coupled with a data base management system . The spec server having a content editor, a page builder, a content reader, a rule processor, a template generator and a compatibility engine...

...component. Optional components are selectively included by users completing the spec. Users access the spec server via the Internet. The page builder dynamically builds custom pages and presents them to users via a web browser. The...

...automated system and method for defining, creating, presenting, completing and processing generic specs. A spec server is coupled with a data base management system . The spec server comprises a content editor, a page builder, a content reader, a rule processor, a template generator and a compatibility engine. An industry expert creates

...

...component. Optional components are selectively included by users completing the spec. Users access the spec server via the Internet. The page builder dynamically builds custom pages and presents them to users via a web browser. The content of the web div xhtml: class="paragraph">>A projected management server coupled with a computer network, such as the Internet. A spec server may also be incorporated into the project management environment for completing specs, generating requests for price quotations, purchase orders and the like. A project tree represents project management objects, which can be of any type. Object types are defined for each particular implementation of the system . Typical examples of project management object types include organizational entities, work-groups, people, projects , budgets, tasks, costs, timesheets, specs , requisitions, purchase orders, and to-do lists. The objects are generally organized in a hierarchical...

...A projected management server coupled with a computer network, such as the Internet. In one embodiment a spec server is also incorporated into the project management environment for completing specs, generating requests for price quotations, purchase orders and the like. A project tree represents project management objects. Project management objects can be of any type. Object types are defined for each particular implementation of the system . Typical examples of project management object types include organizational entities, work-groups, people, projects, budgets, tasks, costs, timesheets, specs , requisitions, purchase orders, to- do lists etc. The objects are organized in a hierarchical data structure referred to as a...

...systems can be customized for any type of environment. In a typical embodiment a key user sets -up the initial environment for the project management system including setting up the structure of the enterprise, defining users, specifying user-groups, user access rights, passwords, etc . Once the initial system is set-up, users log-in to the project

management system from locations within or outside of the enterprises. The system determines the identity of the user, and based on the identity and user access rights, presents the user with a particular view of the...

...the project tree for which the user is authorized. Users can interact with the project management system by performing functions on that portion of the project tree in which they are authorized to perform functions. Functions include adding, editing, deleting and archiving project management objects. Users from multiple organizational work-groups participate using the project management system in a collaborative fashion. Specs are generated, suppliers are matched with specs, RFQs are sent to suppliers, suppliers bid on jobs, jobs are awarded by buyers and purchase orders are generated.

Claims:

...indication of a context created by the node; and(iii) associated processing rules defining available operations and how those operations affect other nodes when performed on the node;(b) communicating with a plurality of workstations...

...using the spec-compatibility rules; and(e) generating an RFQ from a completed spec, which defines requirements, wherein the RFQ is generated for a supplier with capabilities that are compatible with the completed spec's...

...what is claimed is:1. A method for managing enterprise operations comprising: logging on to a project manager server from a computer network, said project manager server executing a project manager for creating projects based upon project management trees containing one or more data objects disposed to cooperatively effect project management functions , said logging on including providing a user identifier to the project management server from a remote location and receiving a customized home page in accordance with the user identifier; defining one or more organizational entities within the enterprise;defining one or more user groups associated with each of the organizational entities;defining one or more users associated with each of the user groups;defining user roles associated with at least one of the users , said customized home page including one or more projects associated with the at least one of the users in accordance with the user roles;displaying a view of a first of said...

...first of said project management trees;describing, within ones of said plurality of data objects, functions defining relationships between said ones of said plurality of data objects and other of said

25/69,K/31 (Item 30 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009503499 - Drawing available
WPI ACC NO: 1999-446354/199938
XRXPX Acc No: N1999-333111

Network server platform for communications access to subscriber premises
Patent Assignee: AT & T CORP (AMTT)
Inventor: GERSZBERG I; HUANG K X; KWABI C K; MARTIN J S; ROY S; TREVENTI P A; VALDEZ G; WALKER H S

Patent Family (9 patents, 28 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
EP 935364	A2	19990811	EP 1998124499	A	19981229	199938 B
CA 2256817	A1	19990630	CA 2256817	A	19981221	199952 E
CN 1229314	A	19990922	CN 1998126751	A	19981231	200002 E
US 6229810	B1	20010508	US 19971582	A	19971231	200128 E

US 6269101	B1	20010731	US 19971582	A	19971231	200146	E
US 6542500	B1	20030401	US 2000511918	A	20000223		
US 20030142664	A1	20030731	US 19971582	A	19971231	200330	E
			US 1998224285	A	19981231		
			US 19971582	A	19971231	200354	E
			US 1998224285	A	19981231		
CA 2256817	C	20030826	US 2003346772	A	20030117		
US 6850533	B2	20050201	CA 2256817	A	19981221	200357	E
			US 19971582	A	19971231	200511	E
			US 1998224285	A	19981231		
			US 2003346772	A	20030117		

Priority Applications (no., kind, date): US 2003346772 A 20030117; US 2000511918 A 20000223; US 1998224285 A 19981231; US 19971582 A 19971231

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 935364	A2	EN	51	29	
CA 2256817	A1	EN			Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI
US 6269101	B1	EN			Division of application US 19971582
US 6542500 19971582	B1	EN			Continuation of application US
US 20030142664 1998224285	A1	EN			Continuation of patent US 6229810 C-I-P of application US 19971582 Continuation of application US
CA 2256817 US 6850533 19971582 1998224285	C	EN			C-I-P of patent US 6229810 Continuation of patent US 6542500 Continuation of application US Continuation of application US
	B2	EN			Continuation of application US
					Continuation of patent US 6229810 Continuation of patent US 6542500

Alerting Abstract EP A2

NOVELTY - The system provides a network server platform (36) as part of a modified 'local-end' connection (1) to a telephone subscriber, overcoming difficulties which would be encountered by accessing through their local exchange. The platform allows interconnection between competitive networks, operating with various network protocols, allowing easy, seamless integration with both local and external trunk networks. To permit such integration, local network company access terminates at the server platform, which thus provides subscribers with the facility of connecting with a variety of services from multiple different networks.

USE - To provide subscriber premises with access to 'inter-exchange' company networks, without the restrictions of local-end company apparatus.

ADVANTAGE - Takes advantage of deregulation in telephone communication industry by using modified Local-end network access architectures, enabling increased channel bandwidth availability, for e.g. Internet access, videophone connection and reducing overall system costs by providing competitive alternatives.

DESCRIPTION OF DRAWINGS - The drawing illustrates an embodiment of a hybrid fiber optic twisted-pair subscriber local-end loop architecture for network access.

Title Terms/Index Terms/Additional Words: NETWORK; SERVE; PLATFORM; COMMUNICATE; ACCESS; SUBSCRIBER; PREMISES

Class Codes

International Classification (Main): H04L-012/24, H04L-012/42, H04L-012/66
(Additional/Secondary): H04L-012/64, H04L-009/32, H04M-011/06, H04M-011/08
, H04M-003/42, H04Q-003/00

US Classification, Issued: 370354000, 370401000, 370906000, 370404000,
370906000, 713201000, 370354000, 370404000, 370419000, 370463000,
370493000, 370537000, 370906000, 455406000, 370401000, 725046000,
705080000

File Segment: EPI;

DWPI Class: W01

Manual Codes (EPI/S-X): W01-A06E1; W01-A06G3; W01-C02D1; W01-C08B;
W01-C08G1

Network server platform for communications access to subscriber premises

Original Titles:

...A network server platform for a hybrid fiber twisted pair local loop
network service architecture...

...Network server platform (NSP) for a hybrid coaxial/twisted pair local
loop network service architecture...

...Network server platform for a hybrid fiber twisted pair local loop
network service architecture...

...Network server platform for a hybrid coaxial/twisted pair local
loop network service architecture...

...Network server platform (NSP) for a hybrid coaxial/twisted pair local
loop network service architecture...

...Network server platform (NSP) for a hybrid coaxial/twisted pair local
loop network service architecture

...NOVELTY - The system provides a network server platform (36) as
part of a modified 'local-end' connection (1) to a telephone subscriber...

...and external trunk networks. To permit such integration, local network
company access terminates at the server platform, which thus provides
subscribers with the facility of connecting with a variety of services...

Original Publication Data by Authority

Original Abstracts:

This invention provides a network server platform forming part of a new
local loop network architecture designed to overcome the limitations of
current art local...

...order to access the multiplicity of services that these networks have to
offer. The network server platform allows interconnection between
networks with varying networking protocols. The network server platform
is a key component of the new architecture and interacts to allow for
easy and seamless integration with...

...components on both the local access level as well as the core network.
The network server platform offers external networking capabilities to
the local access network. As a result, the local access network terminates
on the network server platform. The network server platform provides
subscribers or end users the capabilities to access services from a
multiplicity of disparate networks offering a...

...a set top box. A network service platform (NSP) is coupled to a cable
facilities management platform (FMP) for providing services for cable
television subscribers as well as telecommunication service subscribers
such that an interexchange or telephone company would control the network
services to the...

...This invention provides a network server platform forming part of a

new local loop network architecture designed to overcome the limitations of current art local access loop technologies. This invention allows...

...order to access the multiplicity of services that these networks have to offer. The network server platform allows interconnection between networks with varying networking protocols. The network server platform is a key component of the new architecture and interacts to allow for easy and seamless integration with network components on both the local access level as well as the core network. The network server platform offers external networking capabilities to the local access network. As a result, the local access network terminates on the network server platform. The network server platform provides subscribers or end users the capabilities to access services from a multiplicity of disparate networks offering a variety of services...

...This invention provides a network server platform forming part of a new local loop network architecture designed to overcome the limitations of current art local access loop technologies. This invention allows...

...order to access the multiplicity of services that these networks have to offer. The network server platform allows interconnection between networks with varying networking protocols. The network server platform is a key component of the new architecture and interacts to allow for easy and seamless integration with network components on both the local access level as well as the core network. The network server platform offers external networking capabilities to the local access network. As a result, the local access network terminates on the network server platform. The network server platform provides subscribers or end users the capabilities to access services from a multiplicity of disparate networks offering a variety of services...

...a set top box. A network service platform (NSP) is coupled to a cable facilities management platform (FNP) for providing services for cable television subscribers as well as telecommunication service subscribers such that an interexchange or telephone company would control the network services to the subscribers. The NSP architectural concept ...a set top box. A network service platform (NSP) is coupled to a cable facilities management platform (FMP) for providing services for cable television subscribers as well as telecommunication service subscribers such that an interexchange or telephone company would control the network services to the subscribers. The NSP architectural concept may permit the interexchange or telephone company to be th...

Claims:

1. A systems management server for controlling user access to a plurality of communication networks, comprising:
a router providing a gateway connection between said systems management server and said communication networks along at least one trunk line;
an applications server coupled to said router along fiber distributed data interface (FDDI) ring;
a database server for storing information supporting operation of said systems management server ; coupled along said fiber distributed data interface ring ;
and
an operations , administration, maintenance , and provision server coupled to said fiber distributed data interface ring for supporting operation of said user access to said communications network.

...

...We claim:1. A system for controlling subscriber access to a plurality of communication network services available from a plurality of communication networks, comprising:a router providing a gateway connection between at least first and second subscribers and said communication networks via first and second lines;an applications server apparatus coupled to said router for storing information supporting operation of said system, and for supporting operation of said subscriber access to said communication networks ;said first line being a

twisted pair cable and said second line being a coaxial cable for providing said plurality of services to each said subscriber; and said plurality of communication network...

...A systems management server for controlling user access to a plurality of communication networks, comprising:a router providing a gateway connection between said systems management server and said communication networks along at least one trunk line; an applications server coupled to said router along fiber distributed data interface (FDDI) ring;a database server for storing information supporting operation of said systems management server coupled along said fiber distributed data interface ring; and an operations , administration, maintenance , and provision server coupled to said fiber distributed data interface ring for supporting operation of said user access to said communications network.

A method for...

...said monitoring platform being coupled to a synchronous optical ring;receiving said signals by a systems management server from said one communication network where said signals contain information regarding setting up a connection between said user serviced by said systems management server and said communication network;processing said signals by said systems management server to determine if said user is authorized and available for said connection; and if said user is authorized and available for said connection, said systems management server setting up said connection by sending said signals to said access module supporting said user .

We claim:20. A network server platform coupled to a network that provides cable television service and telecommunication service to subscribers, the network including hybrid fiber, coaxial and twisted pair facilities, the network server platform comprising:a controller providing support operations for the network to provide the cable television service and the telecommunication service;a memory coupled to the controller and storing information supporting operation of the network service platform and for further storing subscriber information related to the cable television service and telecommunication service; and a facility management platform coupled to the network server platform and interfacing with the subscribers through the hybrid fiber, coaxial cable and twisted pair facilities of the network.

...

...We claim:1. A method of automatically providing at least one of equipment, services and information to a subscriber to a network service from a network server platform, the method comprising the steps of:receiving service usage data and user preference data from a subscriber, the service usage data and user preference data including cost and time limitation data relating to at least one of equipment, a service and information, when the service usage data and user preference data relates to equipment, the equipment being at least ...subscriber, equipment requested by the subscriber and equipment preferred by the subscriber, when the service usage data and user preference data relates to a service, the service being at least one of a service used by the subscriber, a service requested by a subscriber and a service preferred by a subscriber, and when the service usage data and user preference data relates to information, the information being at least one of information used by the subscriber, information requested by the subscriber and information...

...determining at least one of equipment, a service and information that is one of available and planned based on the received service usage data and user preference data; and automatically providing to the subscriber at least one of equipment, service and information determined based on the received usage data and user preference data. ...Basic Derwent Week: EP

1998124499

25/69, K/36 (Item 35 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009313507 - Drawing available
WPI ACC NO: 1999-244514/199920
Related WPI Acc No: 1999-263525; 2002-626767
XRXPX Acc No: N1999-181965

Integrated interface for web-based customer care and trouble management
Patent Assignee: COGGER T J (COGG-I); GOBIN P (GOBI-I); HALL H H (HALL-I); HAURYLICK C R (HAUR-I); KANZE D R (KANZ-I); KUNKEL I A (KUNK-I); LIBURD S W (LIBU-I); MCI COMMUNICATIONS CORP (MCIC-N); MCI INC (MCIM-N); MCI WORLDCOM INC (MCIW-N); MILLER D T (MILL-I); MUNGUISA W J (MUNG-I); PATIL S P (PATI-I); PFISTER R A (PFIS-I); SANDT K V (SAND-I); SUSCHECK C A (SUSC-I); SWEI J H (SWEI-I); WORLDCOM INC (WORL-N); MCI LLC (MCIM-N)

Inventor: BLADOW C R; COGGER T J; COMBAR C T; DEVINE C Y; FLENTJE W P; GOBIN P; HALL H H; HAURYLICK C R; KANZE D R; KUNKEL I A; LIBURD S W; MILLER D T; MUNGUISA W J; PATIL S P; PFISTER R A; SANDT K V; SCHWARZ E; SHAMASH A; SHOULBERG R W; SUSCHECK C A; SWEI J H; WOOD J A; BARRY B R; CHODORONEK M A; DEROSSE E; GONZALES M N; JAMES A R; LEVY L; TUSA M

Patent Family (10 patents, 25 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999015974	A1	19990401	WO 1998US20138	A	19980925	199920 B
AU 199896672	A	19990412	AU 199896672	A	19980925	199934 E
US 6032184	A	20000229	US 1995581728	A	19951229	200018 E
			US 199760655	P	19970926	
			US 1998159701	A	19980924	
US 6115040	A	20000905	US 199760655	P	19970926	200044 E
			US 1998159515	A	19980924	
US 20010052013	A1	20011213	US 199760655	P	19970926	200204 E
			US 1998159513	A	19980924	
US 20020087383	A1	20020704	US 199760655	P	19970926	200267 E
			US 1998159403	A	19980924	
US 20040193512	A1	20040930	US 1998159405	A	19980924	200465 NCE
			US 2004822509	A	20040412	
US 6859783	B2	20050222	US 1995581728	A	19951229	200515 E
			US 199760655	P	19970926	
			US 1998159403	A	19980924	
US 20060129499	A1	20060615	US 199760655	P	19970926	200640 E
			US 1998159404	A	19980924	
			US 2006348798	A	20060207	
US 7225249	B1	20070529	US 199760655	P	19970926	200736 E
			US 1998159695	A	19980924	

Priority Applications (no., kind, date): US 1995581728 A 19951229; US 199760655 P 19970926; US 1998159403 A 19980924; US 1998159404 A 19980924; US 1998159513 A 19980924; US 1998159515 A 19980924; US 1998159701 A 19980924; US 1998159695 A 19980924; US 2004822509 A 20040412; US 2006348798 A 20060207

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1999015974	A1	EN	61	15	
National Designated States,Original:	AU	BR	CA	JP	MX SG
Regional Designated States,Original:	AT	BE	CH	CY	DE DK ES FI FR GB GR IE IT LU MC NL PT SE
AU 199896672	A	EN			Based on OPI patent WO 1999015974
US 6032184	A	EN			C-I-P of application US 1995581728
US 6115040	A	EN			Related to Provisional US 199760655
					Related to Provisional US 199760655

US 20010052013	A1	EN		Related to Provisional US 199760655
US 20020087383	A1	EN	33	Related to Provisional US 199760655
US 20040193512	A1	EN		Continuation of application US 1998159405
US 6859783	B2	EN		Continuation of patent US 6745229
US 20060129499	A1	EN		C-I-P of application US 1995581728
1998159404				Related to Provisional US 199760655
US 7225249	B1	EN		Related to Provisional US 199760655

Alerting Abstract WO A1

NOVELTY - A first tier of software servers is resident on a customer workstation (10) and provides customer access to the enterprise system having one or more downloadable application objects (11), back-plane server objects (12) and one or more presentation server objects (13) with a browser (14). A second or middle tier (16) is provided with secure web servers (24) and a back-end or third tier (18) has applications directed to legacy back-end servers and the workstation provides a platform-independent browser-based consistent user interface

DESCRIPTION - An independent claim is included for a method of remotely generating a trouble ticket for a network event

USE - Interactive trouble reporting and monitoring in Internet communications

ADVANTAGE - Capable of customer opening and monitoring of trouble tickets and identifying of status of all trouble tickets pertaining to the organization

DESCRIPTION OF DRAWINGS - The drawing is a diagrammatic overview of architecture framework of an enterprise network system

10 Customer workstation
11 Downloadable application object
12 Back-plane server
14 Browser
16 Middle tier
24 Secure web server
18 Third tier

Title Terms/Index Terms/Additional Words: INTEGRATE; INTERFACE; WEB; BASED; CUSTOMER; CARE; TROUBLE; MANAGEMENT

Class Codes

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0001/00	A	N	R	20060101
G06F-0011/00	A	N	R	20060101
G06F-0011/07	A	N	R	20060101
G06F-0011/32	A	I	R	20060101
G06F-0011/32	A	N	R	20060101
G06F-0011/34	A	I	R	20060101
G06F-0017/30	A	I	R	20060101
G06F-0021/00	A	I	R	20060101
G06Q-0010/00	A	I	R	20060101
G06Q-0030/00	A	I	R	20060101
G06Q-0099/00	A	I	R	20060101
H04L-0012/14	A	I	R	20060101
H04L-0012/24	A	I	R	20060101
H04L-0012/24	A	N	R	20060101
H04L-0012/26	A	I	R	20060101
H04L-0012/46	A	I	R	20060101
H04L-0012/58	A	I	R	20060101
H04L-0012/58	A	N	R	20060101
H04L-0029/06	A	I	R	20060101
H04L-0029/08	A	I	R	20060101
H04L-0029/08	A	N	R	20060101

H04L-0009/00	A	I	F	B	20060101
H04M-0015/00	A	I		R	20060101
G06F-0015/16	A	I	L	B	20060101
G06F-0015/173	A	I	F	B	20060101
G09G-0005/00	A	I	L	B	20060101
H04M-0015/00	A	I	L	B	20060101
G06F-0001/00	C	N		R	20060101
G06F-0011/00	C	N		R	20060101
G06F-0011/07	C	N		R	20060101
G06F-0011/32	C	I		R	20060101
G06F-0011/32	C	N		R	20060101
G06F-0011/34	C	I		R	20060101
G06F-0017/30	C	I		R	20060101
G06F-0021/00	C	I		R	20060101
G06Q-0010/00	C	I		R	20060101
G06Q-0030/00	C	I		R	20060101
G06Q-0099/00	C	I		R	20060101
H04L-0012/14	C	I		R	20060101
H04L-0012/24	C	I		R	20060101
H04L-0012/24	C	N		R	20060101
H04L-0012/26	C	I		R	20060101
H04L-0012/46	C	I		R	20060101
H04L-0012/58	C	I		R	20060101
H04L-0012/58	C	N		R	20060101
H04L-0029/06	C	I		R	20060101
H04L-0029/08	C	I		R	20060101
H04L-0029/08	C	N		R	20060101
H04L-0009/00	C	I	L	B	20060101
H04M-0015/00	C	I		R	20060101
G06F-0015/16	C	I		B	20060101
G09G-0005/00	C	I		B	20060101
H04M-0015/00	C	I		B	20060101

US Classification, Issued: 709225000, 713201000, 345736000, 705010000,
705029000, 705064000, 709223000, 705008000, 707010000, 345335000,
345329000, 345969000, 345334000, 345356000, 709303000, 709203000,
709217000, 705010000, 235381000, 709224000, 709223000, 709225000,
709229000, 345156000, 379111000, 379112000, 379140000

File Segment: EngPI; EPI;

DWPI Class: T01; W01; P85

Manual Codes (EPI/S-X): T01-H; T01-H07C5E; T01-J05B; T01-J11C1; W01-A06B7

Original Titles:

...Integrated systems for providing communications network management services and interactive generating invoice documents...

...INTERFACE INTEGREE D' ASSISTANCE AU CLIENT ET DE GESTION DES PANNEES BASEES SUR LE WEB

Alerting Abstract ...NOVELTY - A first tier of software servers is resident on a customer workstation (10) and provides customer access to the enterprise system having one or more downloadable application objects (11), back-plane server objects (12) and one or more presentation server objects (13) with a browser (14). A second or middle tier (16) is provided with secure web servers (24) and a back-end or third tier (18) has applications directed to legacy back-end servers and the workstation provides a platform-independent browser-based consistent user interface...
12 Back-plane server

...

...24 Secure web server

Original Publication Data by Authority

Original Abstracts:

...A system and method for opening and tracking trouble tickets over the public Internet. A customer service management system provides information included within a customer profile record to a Web enabled infrastructure which is accessible by a remote customer workstation having a web browser and Internet access. The customer profile information is used...

...by an enterprise. A Web enabled invoice viewing system provides billing and invoice information to remote customers having a workstation with a Web browser and an Internet access. A graphical user...

...traffic. The Intranet/Internet/Web-based reporting system tool comprises a novel Web-based, client- server application that enables customers to access their own relevant data information timely, rapidly and accurately through a client GUI. A traffic view server is provided that enables periodic acquisition of data from the customer's telecommunications network at...

...A system and method for opening and tracking trouble tickets over the public Internet. A customer service management system provides information included within a customer profile record to a Web enabled infrastructure which is accessible by a remote customer workstation having a web browser and Internet access. The customer profile information is used...

...An integrated system of user interfaces for communicating with remote services . A backplane architecture controls and manages the user interfaces by instantiating, launching, overseeing and closing the user interfaces associated with a plurality of applications residing in a remote server . Each application communicates with one another and with the backplane via messaging interfaces. The backplane...

...information is maintained by exchanging a session key or keys for identifying the session with remote servers .

...

...A system and method for opening and tracking trouble tickets over the public Internet. A customer service management system provides information included within a customer profile record to a Web enabled infrastructure which is accessible by a remote customer workstation having a web browser and Internet access. The customer profile information is used...

...customer interface for providing telecommunications management to a customer at a browser involves a web server and a client application. The web server manages a client session supports communication of request messages received from the browser to a network management resource. The client application is integrated for use within the browser, downloadable from the web server in accordance with a predetermined customer entitlement, and programmed to be in interactive communications with...

...A system and method for opening and tracking trouble tickets (400) over the public Internet. A customer service management system (20) provides information included within a customer profile record (500) to a Web enabled infrastructure which is accessible by a remote customer workstation (10) having a Web browser (14) and Internet access. The customer profile information

Claims:

What is claimed is:1. A Web/Internet based telecommunications network management system for managing customer's outbound telecommunications network assets via a client browser application resident at a client workstation, said system comprising:at least one secure server for managing secure client sessions over the Internet, said secure server supporting a first secure socket connection enabling

encrypted communication between said browser application client and said secure server ;a dispatch server for communicating with said secure server through a firewall over a second socket connection, said first and second socket connections forming a secure communications link;network configuration device for maintaining an inventory of a customer's outbound telecommunications network assets ; and,outbound network manager for receiving customer directives communicated over said secure communications link, said directives including a request to access inventory pertaining to that customer's outbound network management assets , and downloading details of said outbound network management assets to customers over said secure communications link for visual presentation at said client workstation...

...What is claimed is:1. A trouble ticket management system for enabling an Internet enabled customer to generate a trouble ticket relating to a service...

...authenticating said customer as having trouble ticket entitlement within said enterprise;(c) a customer service management system for generating and tracking trouble tickets, said system having at least one database for identifying said customer and trouble ticket entitlement for said customer, each of said trouble tickets having multiple data fields;(d) transaction manager server for receiving said object-oriented request, generating a trouble ticket request transaction message in accordance with said received objects, communicating said request transaction message to said customer service management system for fulfilling said customer requests, and for downloading downloaded trouble ticket response data from said customer service management system , said transaction manager server further translating said downloaded trouble ticket response data into a trouble ticket object for communication to said integrated interface;whereby said customer service management system enables independent customer and enterprise tracking of said trouble tickets...

...authenticating said customer as having trouble ticket entitlement within said enterprise;(c) a customer service management system for generating and tracking trouble tickets, said system having at least one database for identifying said customer and trouble ticket entitlement for said...

...for assigning a ticket identifier to each trouble ticket submitted by said customer;(f) said management system enabling independent customer and enterprise tracking of said trouble tickets prior to resolution...

...A system for integrating and managing one or more client application programs which enable a user to interact with one or...

...client platform, the web browser capable of receiving one or more web pages from a remote server ;a backplane object downloaded with, and launched by the web page, the backplane object capable...

...with one another to provide an integrated customer interface to a plurality of communications network management services subscribed by the user...

...what is claimed is:1. A trouble ticket management system for enabling an Internet enabled customer to generate a trouble ticket relating to a service...

...authenticating said customer as having trouble ticket entitlement within said enterprise;(c) a customer service management system for generating and tracking trouble tickets, said system having at least one database for identifying said customer and trouble ticket entitlement for said customer, each of said trouble tickets having multiple data fields;(d) transaction manager server for receiving said object-oriented request, generating a trouble ticket request transaction message in accordance with said received objects, communicating said request transaction message to said customer service management system for fulfilling said customer

requests, and for downloading downloaded trouble ticket response data from said customer service management system, said transaction manager server further translating said downloaded trouble ticket response data into a trouble ticket object for communication to said integrated interface; whereby said customer service management system enables independent customer and enterprise tracking of said trouble tickets...

...What is claimed is:1. An integrated system for providing communications network management to a customer, said system comprising: one or more secure web servers for managing one or more secure client sessions over a data network in response to customer entry into said system, each said one or more secure web servers supporting secure communications with a client workstation; one or more client applications for providing a...

...based Graphical User Interface (GUI) and enabling interactive communications with one or more communications network management resources via the one or more secure web servers, wherein each of said one or more secure web servers supports communication of request message entered by said customer via said customer interface to said one or more network management resources, wherein one or more remote application resources process said request messages and provide responses to said one or more secure web servers for secure uploading to said client browser and display via said integrated customer interface, wherein at least one of the one or more network management resources comprises an authentication server for downloading a logon object to be launched within said web-based GUI, the logon object accepting logon transactions from the customer and communicating with said authentication server for authentication of said customer, wherein upon successful authentication of said customer, the logon object is configured to send a command to the authentication server to initiate a download of said one or more client applications, wherein said downloaded web...

...with one another to provide said integrated customer interface to a plurality of communications network management products and services subscribed by the customer, wherein upon successful authentication of said customer, the logon object is further configured to send a command to the authentication server to download said web-based GUI having the backplane object; a user object for representing a current customer, the user object communicating with said authentication server to determine the customer's entitlements to the web enabled communications network management services, wherein the backplane uses the entitlements to display via said integrated interface only those web...

...to access the static memory, wherein at least one of the one or more network management resources comprises a server for providing a customer data report management function comprising and a database for maintaining an inventory of reports associated with a customer, at least one of said one or...

...including, a report requestor application enabling creation and scheduling of customer specific reports pertaining to usage of their switched communications networks and initiating generation of report request messages for said one or more network management resources via said integrated interface, and a report viewer application enabling display of reports in accordance with customer-entitled reporting options, wherein said report manager server accesses report items from said database according to a received report request message, and generates...

...report, wherein customer-specific data from at least one of said one or more network management resources and said metadata description of customer-selected reporting items are utilized to generate a completed...

...customer via said integrated interface, wherein at least one of the one or more network management resources further comprises a report

scheduler system for initiating periodic generation of reports from other network management resources at a customer-specified frequency, wherein at least one of the one or more network management resources includes a database for storing and maintaining customer specific report data to be reported to said customer, and, a centralized inbox server for receiving a report availability response from said report management server including a metadata description for generating said report, said inbox server uploading said stored customer specific report data and the metadata description associated with the report data to said client workstation via the one or more secure web servers for generation and presentation of a customer report via said integrated interface.

...Basic Derwent Week: WO 1998US20138

25/69, K/41 (Item 40 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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0008880056 - Drawing available
 WPI ACC NO: 1998-428294/ 199836
 XRPX Acc No: N1998-334274

Distributed processing system using e.g. computers - has remote servers provided with software components that expose management application interfaces for use by remote manager

Patent Assignee: BRITISH TELECOM PLC (BRTE)

Inventor: MEEK S; WINTON N D

Patent Family (4 patents, 97 countries)

Patent Number	Kind	Date	Number	Application Kind	Date	Update
WO 1998033307	A1	19980730	WO 1998GB235	A	19980127	199836 B
AU 199857729	A	19980818	AU 199857729	A	19980127	199851 E
GB 2335520	A	19990922	WO 1998GB235	A	19980127	199941 E
			GB 199916437	A	19990713	
US 6539426	B1	20030325	WO 1998GB235	A	19980127	200325 E
			US 1998101957	A	19980721	

Priority Applications (no., kind, date): EP 1997300523 A 19970128

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1998033307	A1	EN	33	2	

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Regional Designated States,Original: AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 199857729 A EN Based on OPI patent WO 1998033307

GB 2335520 A EN PCT Application WO 1998GB235

Based on OPI patent WO 1998033307

US 6539426 B1 EN PCT Application WO 1998GB235

Based on OPI patent WO 1998033307

Alerting Abstract WO A1

The distributed processing system has a number of client machines (1) connected to a network that provides access to servers (4) and cell directory computers (3). The client computer can access the directory to locate remote interfaces to applications in the server. These allow the client to make requests on the server in terms of the defined interface.

The server is also provided (4c,5c) with remote interfaces that are accessed by a remote management computer (6). It also finds the interfaces through the directory. The remote interface allows management computers to interrogate the status of applications and perform key management tasks on them, e.g. halt them.

ADVANTAGE - Allows remote management software to have access at

application level of server . Allows system to be managed at lower level.

Title Terms/Index Terms/Additional words: DISTRIBUTE; PROCESS; SYSTEM; COMPUTER; REMOTE ; SERVE; SOFTWARE; COMPONENT; EXPOSE; MANAGEMENT; APPLY ; INTERFACE; MANAGE

Class Codes

International Classification (Main): G06F-013/00, H04L-012/24, H04L-029/06
(Additional/Secondary): G06F-009/46
US Classification, Issued: 709223000, 709217000, 709218000, 709328000

File Segment: EPI;
DWPI Class: T01; W01
Manual Codes (EPI/S-X): T01-F05G; T01-H07C5S; T01-J05B4M; W01-A06A;
W01-A06B5B; W01-A06E; W01-A07G

...has remote servers provided with software components that expose management application interfaces for use by remote manager

Original Titles:

Managing operation of servers in a distributed computing environment

...

... MANAGING OPERATION OF SERVERS IN A DISTRIBUTED COMPUTING ENVIRONMENT

Alerting Abstract ...has a number of client machines (1) connected to a network that provides access to servers (4) and cell directory computers (3). The client computer can access the directory to locate remote interfaces to applications in the server . These allow the client to make requests on the server in terms of the defined interface...

...The server is also provided (4c,5c) with remote interfaces that are accessed by a remote management computer (6). It also finds the interfaces through the directory. The remote interface allows management computers to interrogate the status of applications and perform key management tasks...

...ADVANTAGE - Allows remote management software to have access at application level of server . Allows system to be managed at lower level.

Title Terms.../Index Terms/Additional words: REMOTE ;

Original Publication Data by Authority

Original Abstracts:

...comprises hardware, e.g. computers (1,2,3,6,7, 9) and networks (8,10), supporting a user client applications, server applications capable of exposing user application interfaces to the user client application, and a management client application. The server applications are capable of exposing a common management interface to the management client application. Thus, the system can be managed at a lower level than is possible with prior art approaches...

...comprises hardware, e.g. computers (1, 2, 3, 6, 7, 9) and networks (8, 10), supporting a user client application, server applications capable of exposing user application interfaces to the user client application, and a management client application. The server applications are capable of exposing a common management interface to the management client application. Thus, the system can be managed at a lower level than is possible with prior art approaches.

Claims:

what is claimed is: 1. A distributed processing system comprising: at least two different client applications , a first of which comprises a user client application and a second of which comprises a management client application, and at least two different server applications capable of exposing application interfaces to the client applications, wherein the at least two different server applications are capable of exposing different respective user application interfaces to at least one user client application, the at least two different server applications are capable of exposing a common management interface, for control and input and output of data, to the management client application, and the at least one user client application...

...by a user to interact with at least one of said at least two different server applications via a user application interface and the management client application can be used by a user to interact with any one of said at least two different server applications via the common management interface. ...

25/69, K/43 (Item 42 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008843313 - Drawing available
WPI ACC NO: 1998-390125/ 199834
XRXPX Acc No: N1998-304363

Telecommunications network supporting multi-vendor environment - has hot standby system which replaces malfunctioning system in event of any disruption in services, and network element assumes original state and Operations Support System goes back into standby mode once problem is diagnosed and fixed

Patent Assignee: AT & T CORP (AMTT)

Inventor: CHATTOPADHYAY S K; MUKHERJEE A

Patent Family (3 patents, 26 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
EP 855842	A2	19980729	EP 1998100698	A	19980116	199834 B
CA 2227344	A	19980723	CA 2227344	A	19980116	199845 E
US 5974459	A	19991026	US 1997787783	A	19970123	199952 E

Priority Applications (no., kind, date): US 1997787783 A 19970123

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 855842	A2	EN	12	7	

Regional Designated States, Original: AL AT BE CH DE DK ES FI FR GB GR IE
IT LI LT LU LV MC MK NL PT RO SE SI
CA 2227344 A EN

Alerting Abstract EP A2

The telecommunications network has a Business Management Layer, a Service Management Layer, and an Element Management Layer, and without a Network Management Layer comprises a Customer Sales and Support centre for providing sales related services to customers. A Customer Service Management Centre manages information regarding features and services offered to customers . An Operation Administration and Maintenance Server monitors the network for hardware and software related problems and generates an Out Of Service message in the event of a malfunction in a system.

At least one hot standby system for replacing the system in the event of a malfunction until the malfunction is fixed and the system can go back into service. A Central Network Planning and Operations centre communicates with the Element Management Layer and maintains the hot standby system , the hot standby system replace the system in the event of

a malfunction indicated by the Out Of Service message, and goes back to standby status when the malfunction in the system is fixed.

ADVANTAGE - Improves and simplifies operations , and supports abstraction of functions provided by network elements. Eliminates network management layer and associated telecommunications management network interfaces.

Title Terms/Index Terms/Additional Words: TELECOMMUNICATION; NETWORK; SUPPORT; MULTI; VENDING; ENVIRONMENT; HOT; STANDBY; SYSTEM; REPLACE; MALFUNCTION; EVENT; DISRUPT; SERVICE; ELEMENT; ASSUME; ORIGINAL; STATE; OPERATE; BACK; MODE; PROBLEM; DIAGNOSE; FIX

Class Codes

International Classification (Main): G06F-015/00, H04L-012/24, H04Q-003/545
(Additional/Secondary): G06F-011/00, H04B-001/74, H04L-029/02
US Classification, Issued: 709224000, 714004000, 370217000

File Segment: EPI;

DWPI Class: W01

Manual Codes (EPI/S-X): W01-B02A1; W01-C02A7

...system in event of any disruption in services, and network element assumes original state and Operations Support System goes back into standby mode once problem is diagnosed and fixed

Original Titles:

...Method to reduce network operations cost...

...Procede pour reduire les depenses d' operation des reseaux...

Alerting Abstract ...Management Layer, and an Element Management Layer, and without a Network Management Layer comprises a Customer Sales and Support centre for providing sales related services to customers. A Customer Service Management Centre manages information regarding features and services offered to customers . An Operation Administration and Maintenance Server monitors the network for hardware and software related problems and generates an Out Of Service message...

...is fixed and the system can go back into service. A Central Network Planning and Operations centre communicates with the Element Management Layer and maintains the hot standby system , the hot standby system replace the system in the event of a malfunction indicated by...

...ADVANTAGE - Improves and simplifies operations , and supports abstraction of functions provided by network elements. Eliminates network management layer and associated telecommunications management network interfaces.

Original Publication Data by Authority

Original Abstracts:

Network operations costs are reduced by no longer requiring planning, developing, and maintaining of the Network Management Layer OSS and associated...

...event of any disruption in services. The network element assumes its original state and the Operations Support System goes back into standby mode once the problem is diagnosed and fixed...

...A telecommunication network without a network management layer meets operational objectives by providing at least one hot standby system which replaces a malfunctioning element of a service-providing node in the event of any...

...network implements all layers of the Telecommunication Management Network (TMN) standard except for the network management layer. The system therefore implements the business management, service management, and element management layers. An operation administration and maintenance server monitors the network to detect a malfunctioning element of a service-providing network node. Upon detecting a fault, the operation administration and maintenance server sends an out of service message to a central network planning and operations center and/or notifies an on site work force of the probable trouble. While the failure is being repaired, a hot standby system takes over the function of the defective system.

Claims:

...Management Layer, and an Element Management Layer, and without a Network Management Layer comprising: a Customer Sales and Support Center for providing sales related services to customers; a Customer Service Management Center for managing information regarding features and services offered to customers; an Operation Administration and Maintenance Server for monitoring said network for hardware and software related problems and generating an Out Of Service message in the event of a...

...fixed and said system can go back into service; and a Central Network Planning and Operations Center communicating with said Element Management Layer and maintaining said hot standby system, said hot standby system replacing said system in the event of a malfunction indicated by said Out Of Service message, and going...

...management Layer, and an Element Management Layer, and without a Network Management Layer comprising: a Customer Sales and Support Center for providing sales related services to customers; a Customer Service Management Center for managing information regarding features and services offered to customers; an Operation Administration and Maintenance Server for monitoring said service-providing nodes of said network and generating an Out Of Service message in the event of a malfunction detected in an element of one of said service-providing nodes; at...

...said n processors or one of said k processors; and a Central Network Planning and Operations Center communicating with said Element Management Layer to maintain said hot standby system. ...

...

25/69,K/49 (Item 48 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008206484 - Drawing available
WPI ACC NO: 1997-310845/199728

Related WPI Acc No: 1997-310871; 1998-558103; 2000-053885
XRXPX Acc No: N1997-257472

Mobile satellite system with satellite communication switching office - provides satellite communication between multiple users in virtual network with two mobile earth terminals connected to and registering with mobile satellite system for establishing voice communications via identifier validation

Patent Assignee: AMSC SUBSIDIARY CORP (AMSC-N); CHURAN G G (CHUR-I); KITTIVER C (KITT-I); MOBILE SATELLITE VENTURES LP (MOBI-N); MOTIENT SERVICES INC (MOTI-N); TISDALE W R (TISD-I)

Inventor: BIEGEL C H; CHURAN G G; GARNER W B; KITTIVER C; MODZELESKY E J; THREADGILL M E; TISDALE W R

Patent Family (15 patents, 72 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1997020362	A1	19970605	WO 1996US19120	A	19961129	199728 B

AU 199711430	A	19970619	AU 199711430	A	19961129	199741	E
US 5842125	A	19981124	US 19957749	P	19951130	199903	E
			US 1996728227	A	19961010		
US 5850602	A	19981215	US 1996654198	A	19960528	199906	E
US 5926745	A	19990720	US 19957748	P	19951130	199935	E
			US 1996700943	A	19960821		
US 6058307	A	20000502	US 19957742	P	19951130	200029	E
			US 19957748	P	19951130		
			US 19957749	P	19951130		
			US 1997923534	A	19970904		
			US 199822877	A	19980212		
US 6112085	A	20000829	US 19957742	P	19951130	200043	E
			US 19957749	P	19951130		
			WO 1996US19120	A	19961129		
			US 1997923534	A	19970904		
US 6243580	B1	20010605	US 19957742	P	19951130	200133	E
			US 19957748	P	19951130		
			US 19957749	P	19951130		
			WO 1996US19120	A	19961129		
			US 1997923534	A	19970904		
			US 199822877	A	19980212		
			US 1999448921	A	19991123		
US 20010012775	A1	20010809	US 19957749	P	19951130	200147	E
			US 1996728227	A	19961010		
			US 1998133687	A	19980813		
			US 2001796647	A	20010302		
US 6272338	B1	20010807	US 19957749	P	19951130	200147	E
			US 1996728227	A	19961010		
			US 1998133687	A	19980813		
CA 2217038	C	20010925	CA 2217038	A	19961129	200159	E
			WO 1996US19120	A	19961129		
US 6343205	B1	20020129	US 19957748	P	19951130	200210	E
			US 1996700943	A	19960821		
			US 1999267600	A	19990315		
US 6411806	B1	20020625	US 19957742	P	19951130	200246	E
			US 19957749	P	19951130		
			WO 1996US19120	A	19961129		
			US 1997923534	A	19970904		
			US 2000611713	A	20000706		
US 6529731	B2	20030304	US 19957749	P	19951130	200320	E
			US 1996728227	A	19961010		
			US 1998133687	A	19980813		
			US 2001796647	A	20010302		
US 6542739	B1	20030401	US 19957742	P	19951130	200324	E
			US 19957748	P	19951130		
			US 19957749	P	19951130		
			WO 1996US19120	A	19961129		
			US 1997923534	A	19970904		
			US 199822877	A	19980212		
			US 1999448921	A	19991123		
			US 2000679560	A	20001006		

Priority Applications (no., kind, date): US 2001796647 A 20010302; US 2000679560 A 20001006; US 2000611713 A 20000706; US 1999448921 A 19991123; US 1999267600 A 19990315; US 1998133687 A 19980813; US 199822877 A 19980212; US 1997923534 A 19970904; WO 1996US19120 A 19961129; US 1996700943 A 19960821; US 1996654198 A 19960528; US 19957742 P 19951130; US 19957748 P 19951130; US 19957749 P 19951130 ; US 1996728227 A 19961010

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1997020362	A1	EN	216	24	

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA
 UG US UZ VN
 Regional Designated States,Original: AT BE CH DE DK EA ES FI FR GB GR IE
 IT KE LS LU MC MW NL OA PT SD SE SZ UG
 AU 199711430 A EN Based on OPI patent WO 1997020362
 US 5842125 A EN Related to Provisional US 19957749
 US 5926745 A EN Related to Provisional US 19957748
 US 6058307 A EN Related to Provisional US 19957742
 Related to Provisional US 19957748
 Related to Provisional US 19957749
 C-I-P of application US 1997923534
 US 6112085 A EN Related to Provisional US 19957742
 Related to Provisional US 19957749
 C-I-P of application WO 1996US19120
 US 6243580 B1 EN Related to Provisional US 19957742
 Related to Provisional US 19957748
 Related to Provisional US 19957749
 C-I-P of application WO 1996US19120
 C-I-P of application US 1997923534
 Continuation of application US
199822877
 Continuation of patent US 6098307
 C-I-P of patent US 6112085
 US 20010012775 A1 EN Related to Provisional US 19957749
 Continuation of application US
1996728227
 Continuation of application US
1998133687
 Continuation of patent US 5842125
 US 6272338 B1 EN Related to Provisional US 19957749
 Continuation of application US
1996728227
 Continuation of patent US 5842125
 CA 2217038 C EN PCT Application WO 1996US19120
 Based on OPI patent WO 1997020362
 US 6343205 B1 EN Related to Provisional US 19957748
 Continuation of application US
1996700943
 Continuation of patent US 5926745
 US 6411806 B1 EN Related to Provisional US 19957742
 Related to Provisional US 19957749
 C-I-P of application WO 1996US19120
 Division of application US 1997923534
US 6529731 B2 EN
 Division of patent US 6112085
 Related to Provisional US 19957749
 Continuation of application US
1996728227
 Continuation of application US
1998133687
 Continuation of patent US 5842125
 US 6542739 B1 EN Related to Provisional US 19957742
 Related to Provisional US 19957748
 Related to Provisional US 19957749
 C-I-P of application WO 1996US19120
 C-I-P of application US 1997923534
 Continuation of application US
199822877
 Continuation of application US
1999448921
 Continuation of patent US 6058307
 C-I-P of patent US 6112085

Alerting Abstract WO A1

The system provides a satellite communication between the multiple users

in a virtual network with two mobile earth terminals (MET) connected to and registering with the mobile satellite system. The first MET selects a virtual network identifier representing a virtual network group, with two METs to establish the voice communications, and transmits the identifier to a central controller.

The central controller receives the identifier and validates the first MET for communication and the identifier, and allocates a frequency for the group. It broadcasts the message to the group, including the second MET informing the group of the allocated frequency, and the voice communication associated with it. The second MET tunes to the frequency in response to the message.

USE/ADVANTAGE - For satellite trunked radio service for satellite communication and to virtual network configuration and management system . For satellite communication utilising shared satellite demand period circuit associated with private voice networks. Provides integrated mobile telephone that can be used to transmit and receive, in virtual network arrangement that allows each member of group to hear what any other user is saying.

Title Terms/Index Terms/Additional Words: MOBILE; SATELLITE; SYSTEM; COMMUNICATE; SWITCH; OFFICE; MULTIPLE; USER; VIRTUAL; NETWORK; TWO; EARTH ; TERMINAL; CONNECT; REGISTER; ESTABLISH; VOICE; IDENTIFY; VALID

Class Codes

International Classification (Main): H01Q-011/12, H04B-017/00, H04B-007/185 , H04Q-007/20

(Additional/Secondary): H04Q-007/24, H04Q-007/28, H04Q-007/34, H04Q-007/38

US Classification, Issued: 455427000, 455430000, 455012100, 455013100, 455067100, 455423000, 455426000, 455428000, 455430000, 455430000, 455428000, 455012100, 455012100, 455427000, 455428000, 455428000, 455012100, 455426000, 455067100, 455012100, 455427000, 455428000, 455428000, 455430000, 455012100, 455427000, 455427000, 455012100, 455512000, 455452000

File Segment: EPI;

DWPI Class: W01; W02

Manual Codes (EPI/S-X): W01-B05A1E; W02-C03B1A; W02-C03C3A; W02-C03C3G

Alerting Abstract ...USE/ADVANTAGE - For satellite trunked radio service for satellite communication and to virtual network configuration and management system . For satellite communication utilising shared satellite demand period circuit associated with private voice networks. Provides...

Original Publication Data by Authority

Original Abstracts:

...a user interface system providing a user interface through which a user has access to services supported by the mobile satellite system and an antenna system which provides an interface between the...

...is responsively connected to the mobile communication system. The mobile satellite system comprises a network operations center (NOC) which manages and controls the resources of the satellite network system and conducts the administrative functions associated with the management of the satellite network system . The NOC communicates with the various internal and external entities via a control network. A network communications controller (NCC) manages the allocation of circuits between the mobile communication system and the satellite switching office for supporting communications. Available circuits are held in circuit pools...

...the NOC via said control network. The GC includes components which control call setup and monitoring , management of satellite resources

during call setup and cleardown, database management , call record management , congestion control, generation of performance and traffic statistics, and periodic performance verification testing.

...via the satellite and the satellite interface system. The mobile satellite system comprises a network operations center (NOC) which manages and controls the resources of the satellite network system and conducts the administrative functions associated with the management of the satellite network system . The NOC communicates with the various internal and external entities via a control network. A network communications controller (NCC) manages the allocation of circuits between the mobile communication system and the satellite switching office for supporting communications. Available circuits are held in circuit pools...

...the NOC via said control network. The GC includes components which control call setup and monitoring , management of satellite resources during call setup and cleardown , database management , call record management , congestion control, generation of performance and traffic statistics, and periodic performance verification testing.

...transmitting an access request message via a random access channel, and receiving by the central controller the access request message, and transmitting frequency assignments to the MCS and to the SCSO. The method also includes receiving by the MCS the frequency assignment, transmitting a scrambling vector message...

...mobile communication system and the mobile satellite system. The mobile satellite system comprises a network operations center (NOC) that manages and controls the resources of the satellite network system and conducts the administrative functions associated with the management of the satellite network system . The NOC communicates with the various internal and external entities via a control network .

...and the frequencies received from the frequency controller, the data hub and/or the independent operations controller when the frequencies are no longer needed by the priority and preemption system.

...and the frequencies received from the frequency controller, the data hub and/or the independent operations controller when the frequencies are no longer needed by the priority and preemption system.

...is responsively connected to the mobile communication system. The mobile satellite system comprises a network operations center (NOC) which manages and controls the resources of the satellite network system and conducts the administrative functions associated with the management of the satellite network system . The NOC communicates with the various internal and external entities via a control network. A network communications controller (NCC) manages the allocation of circuits between the mobile communication system and the satellite switching office for supporting communications. Available circuits are held in circuit pools managed by at least one Group Controller (GC) in the NCC, the NCC communicating with the NOC via said control network. The GC includes components which control call setup and monitoring , management of satellite resources during call setup and cleardown, database management , call record management , congestion control, generation of performance and traffic statistics, and periodic performance verification testing.

...mobile satellite system via the satellite interface system. The mobile satellite system comprises a network operations center (NOC) that manages and controls the resources of the satellite network system and conducts the administrative functions associated with the management of the satellite network system. The NOC communicates with the various internal and external entities via a control network.

...

...and the frequencies received from the frequency controller, the data hub and/or the independent operations controller when the frequencies are no longer needed by the priority and preemption system.

Claims:

...the mobile satellite system being responsively connected to said mobile communication system and comprising:a network operations center (NOC) managing and controlling the resources of the satellite network system and carrying out the administrative functions associated with the management of the network system, the NOC communicating with various internal and external entities via a control network;a first network communications controller (NCC) managing the...

...MTCRS) services, and a base FES providing mobile radio service (MRS) and net radio (NR) services ;a customer management information system providing customers and service providers with assistance and information including problem resolution , service changes, and billing/ usage data, customers including individual MET owners and fleet managers of larger corporate customers;a network engineering system developing network plans and performing analysis in support of the system including analyzing the requirements of the network, reconciling expected traffic loads with...

...system engineering system engineering the network subsystems, equipment and software which is needed to expand capacity to meet increases in traffic demands and to provide new features and services ;a remote monitor station (RMS) monitoring L-band RF spectrum and transmission performance in specific L -band beams, said RMS being nominally located in each L-band beam and interfacing with the NOC via either a satellite or terrestrial link;a system test station (STS) providing...

...commissioning tests and network service diagnostic tests, the STS being collocated with and interfaced to the NOC;a group controller subsystem (GCS) incorporating one or multiple group controllers (GC), each GC maintaining state machines for...

...progress within its control group and allocating and de-allocating circuits for FES-MET calls within each beam of the system , managing virtual network call processing, MET authentication, and providing certain elements of call accounting, the GC providing satellite bandwidth resources to the NOC for AMS(R)S resource provisioning and monitoring the performance of call processing and satellite circuit pool utilization, and performing MET management , commissioning and periodic performance verification testing and database management .

...

...said mobile satellite system being responsively connected to said mobile communication system, said mobile satellite system comprising:a network operations center (NOC) managing and controlling the resources of the satellite network system and conducting the administrative functions associated with the management of the satellite network system, the NOC communicating with various internal and external entities via a control network; a first network communications controller (NCC) managing the allocation of circuits between said mobile communication system and said satellite switching office for supporting communications , available circuits being held in circuit pools managed by at least one

Group Controller (GC) in said NCC, said NCC communicating with said NOC via said control network; said GC including components which control: call setup and monitoring ;management of satellite resources during call setup and cleardown ;database management;call record management;congestion control;generation of performance and traffic statistics; and periodic performance verification testing.
?

? t34/69,k/14,17,20,26,32,42,44,50,73,75-76,79

34/69,K/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010689075 - Drawing available
WPI ACC NO: 2001-298690/200131

XRPX Acc No: N2001-214057

Resource monitoring and controlling system for server cluster, has cluster service to control operation and monitor states of resource objects using methods common to all resource objects

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: GAMACHE R; MASSA M T; SHORT R T; VERT J D

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6178529	B1	20010123	US 1997963049	A	19971103	200131 B

Priority Applications (no., kind, date): US 1997963049 A 19971103

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6178529	B1	EN	15	5	

Alerting Abstract US B1

NOVELTY - A cluster service and resource component (62) are coupled to resource object to manage the resources of server cluster. The cluster service controls operation of resource object and monitors states of resource object using resource component including methods common to all resource objects. The resource object is monitored for states common to all resource objects, independent of type of resource objects.

DESCRIPTION - An INDEPENDENT CLAIM is also included for recording medium with program for resource monitoring and control.

USE - For computer network servers arranged in server cluster.

ADVANTAGE - The system enables the cluster software to control and monitor the resources and handle the failure recovery or application programs in simple and efficient manner by using resource components having common methods for all resource objects connected to server.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of resource components including methods for interfacing with resource monitor.

62 Resource component

Title Terms/Index Terms/Additional Words: RESOURCE; MONITOR; CONTROL; SYSTEM; SERVE; CLUSTER; SERVICE; OPERATE; STATE; OBJECT; METHOD; COMMON

Class Codes

International Classification (Main): G06F-009/45

US Classification, Issued: 714051000, 709332000, 709223000

File Segment: EPI;

DWPI Class: T01; W05

Manual Codes (EPI/S-X): T01-F02C2; T01-G05C; T01-H07C5A; T01-M02A1B; T01-S03; W05-D03E; W05-D05C

Resource monitoring and controlling system for server cluster, has cluster service to control operation and monitor states of resource objects using methods common to all resource objects

Original Titles:

Method and system for resource monitoring of disparate resources in a server cluster.

Alerting Abstract ...NOVELTY - A cluster service and resource component (62) are coupled to resource object to manage the resources of server

cluster. The cluster service controls operation of resource object and monitors states of resource object using resource component including methods common to all resource objects. The...

...The system enables the cluster software to control and monitor the resources and handle the failure recovery or application programs in simple and efficient manner by using resource components having common methods...

Original Publication Data by Authority

Original Abstracts:

A method and system in a server cluster for monitoring and controlling a resource object, such as a physical device or application. A cluster service...

...a plurality of methods, common to all such resource components, for calling by the resource monitor to control and monitor operation of the resource object therethrough. The common methods enable the cluster server to treat all...

Claims:

In a server cluster having resource objects of different types, a system for monitoring and controlling a resource object, comprising, a cluster service, a resource component connected to the resource object...

...plurality of methods common to resource components for calling by the cluster service to control operation of the resource object and monitor for states of the resource object therethrough, the resource object monitored for states common to the other...

Basic Derwent Week: 200131

34/69,K/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010340190 - Drawing available

WPI ACC NO: 2000-655332/200063

Related WPI Acc No: 1999-131587

XRXPX Acc No: N2000-485749

System management module for host server system has system management processor connected to system management local bus

Patent Assignee: COMPAQ COMPUTER CORP (COPQ)

Inventor: GAGLIARDI L R; MILLER J P; TAVALLAEI S

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 6105146	A	20000815	US 1996775770	A	19961231	200063 B
			US 1999226359	A	19990106	

Priority Applications (no., kind, date): US 1996775770 A 19961231; US 1999226359 A 19990106

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6105146	A	EN	28	11	Continuation of application US 1996775770

Continuation of patent US 5864653

Alerting Abstract US A

NOVELTY - System management module (SMM) is connected to PCI bus. SMM includes system management processor (SMP) and system management central (SMC) control logic which are to system management (SM) local bus, which also connects to a VGA controller and keyboard interface controller.

DESCRIPTION - SMC includes logic to monitor PCI cycles and to issue error

signals in the event of system error, and also isolates failed components by masking request, grant and interrupt lines for failed devices. If spare is provided, SMC permits dynamic switching to the spare and prevents other devices from accessing the PCI. An INDEPENDENT CLAIM is also included for method of replacing failed component located on the system bus.

USE - Host server in a computer system.

ADVANTAGE - Detects and isolates failed components from interaction in system operation and replaces failed components dynamically with spare components without requiring a system shut down.

DESCRIPTION OF DRAWINGS - Drawing shows block diagram illustrating a host server system.

Title Terms/Index Terms/Additional Words: SYSTEM; MANAGEMENT; MODULE; HOST; SERVE; PROCESSOR; CONNECT; LOCAL; BUS

Class Codes

International Classification (Main): G06F-011/00

US Classification, Issued: 714002000, 714001000, 714007000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F05G5; T01-G02A2B; T01-H05B4

System management module for host server system has system management processor connected to system management local bus

Original Publication Data by Authority

Original Abstracts:

A system management module (SMM) for a host server system includes a system management processor (SMP) connected to a system management local bus. The system management local bus connects to the system PCI bus through a system management central (SMC). The SMC includes the main arbitration unit for the PCI bus and also...
...permits dynamic switching to the spare. In addition to detecting errors and performing survival and maintenance operations, the SMC enhances system performance during normal operations by supporting master-target priority determinations to more efficiently arbitrate mastership of...

Claims:

...management module includes a system management processor; a primary component connected to said PCI bus for performing specified operations on the PCI bus; a spare component connected to said PCI bus; wherein the system management module includes monitor logic for detecting failure of the primary component, and in response, the system management module prevents devices other than the system management module from accessing the PCI bus to dynamically switch the spare component for the primary...

34/69,K/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010069425 - Drawing available

WPI ACC NO: 2000-375432/200032

Related WPI Acc No: 2003-634541; 2003-844997

XRPX Acc No: N2000-281990

Network desktop management system for managing user workstations on computer network, uses server software to lock out any unauthorized users from the system

Patent Assignee: PINNACLE TECHNOLOGY INC (PINN-N)

Inventor: DIRCKS C E; OSMANN E E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Number	Application Kind	Date	Update
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US 6061795 A 20000509 US 1995509688 A 19950731 200032 B
US 1997854490 A 19970512

Priority Applications (no., kind, date): US 1995509688 A 19950731; US 1997854490 A 19970512

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 6061795	A	EN	14	2	C-I-P of application US 1995509688

Alerting Abstract US A

NOVELTY - A graphical user interface is used to construct user desktops, apply restriction options, maintain transaction logs, and password protect any object accessible from the user workstation. The server software operates to lock out any unpermitted user, allowing access to programs or processes presenting appropriate keys or other authentication information.

DESCRIPTION - Each workstation includes a personal desktop facility (PDF) and a Daemon which protects the user's desktop. The PDF receive desktop information from the network server and builds a desktop which the user manipulate to invoke local and/or network programs and access local and/or network utilities, providing appropriate keys or other authentication information to access restricted network resources. The Daemon serves as an interface for the PDF by channeling any communication to or from the user or the network, preventing unauthorized transactions at either the workstation or network level. INDEPENDENT CLAIMS are also included for the following:

- 1.a user access provision method to computer network resources;
- 2.and a machine-readable program storage device for storing encoded instructions for providing user access to computer network resources.

USE - For managing user workstations on computer network.

ADVANTAGE - Allows network administrator to remotely create, protect, and manage desktops across a network. Allows network administrator to standardize desktops quickly and uniformly by manipulating server's database of personal desktop files, or by modifying common desktop objects which are stored on the server. Users can be mobile across the network, because regardless of which machine they use, the PDF will load their personal desktop file from the network server. Protects desktop from inadvertent damage, and prevents intentional alteration of network architecture.

DESCRIPTION OF DRAWINGS - The figure shows an operation flowchart of the network desktop management system.

Title Terms/Index Terms/Additional Words: NETWORK; MANAGEMENT; SYSTEM; MANAGE; USER; COMPUTER; SERVE; SOFTWARE; LOCK; UNAUTHORISED

Class Codes

International Classification (Main): G06F-011/30
(Additional/Secondary): H04L-009/00

US Classification, Issued: 713201000, 709217000, 714038000

File Segment: EPI;
DWPI Class: T01; W01
Manual Codes (EPI/S-X): T01-F05G5; T01-G05C; T01-H07C5A; T01-S03; W01-A05

Network desktop management system for managing user workstations on computer network, uses server software to lock out any unauthorized users from the system

Original Titles:

Network desktop management security system and method.

Alerting Abstract ...DESCRIPTION OF DRAWINGS - The figure shows an

operation flowchart of the network desktop management system.

Original Publication Data by Authority

Original Abstracts:

...interface using objects that encapsulate programs with data, such as user preferences, default directories, and access privileges . The Daemon performs many tasks, including starting the PDF, enumerating the windows of the graphic...

Basic Derwent Week: 200032

34/69,K/26 (Item 26 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0009524251 - Drawing available

WPI ACC NO: 1999-468332/199939

Related WPI Acc No: 2002-033880

XRPX Acc No: N1999-349696

Server performance monitoring method at client computer in network

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: COTE J P P; THOMAS S D

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5938729	A	19990817	US 1996682832	A	19960712	199939 B

Priority Applications (no., kind, date): US 1996682832 A 19960712

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5938729	A	EN	15	8	

Alerting Abstract US A

NOVELTY - A query from polling software of user computer is sent to monitoring system software of several server computers and in response monitoring software autonomously gathers a part of information to be reported from any specific software. The information is gathered into a single compilation prior sending back to user computers polling software, which updates the site list.

USE - For monitoring performance of server and a network at client computer.

ADVANTAGE - The technique can be implemented in both hardware or software or combination of both. The program is easily communicated with a computer system by implementing the program in a high level or object oriented programming language.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of construction of compilation reply in performance maintaining system.

Title Terms/Index Terms/Additional Words: SERVE; PERFORMANCE; MONITOR; METHOD; CLIENT; COMPUTER; NETWORK

Class Codes

International Classification (Main): G06F-013/14

(Additional/Secondary): G06F-015/16

US Classification, Issued: 709224000, 709219000, 710220000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H05B; T01-M02

Server performance monitoring method at client computer in network

Original Titles:

System and method for monitoring server performance at a client computer.

Alerting Abstract ...NOVELTY - A query from polling software of user computer is sent to monitoring system software of several server computers and in response monitoring software autonomously gathers a part of information to be reported...

USE - For monitoring performance of server and a network at client computer...

...DESCRIPTION OF DRAWINGS - The figure shows the block diagram of construction of compilation reply in performance maintaining system.

Original Publication Data by Authority

Claims:

...and a plurality of user computers that can be logically connected to any of the server computers to access the network services provided, a method of monitoring at one or more of the user computers the performance of the server computers, while reducing the need to send repeated queries from the user computers that perform...

...polling software for sending queries to one or more of the server computers that are to be monitored; installing at the server computers monitoring system software that includes system attendant programs for reporting information in response to the queries received from the polling software of one of said user computers; sending a query from the polling software of a user computer to the monitoring system software of one or more server computers, said query requesting information about the proper functioning of the one or more queried server computers or about the proper functioning of one or more of the network services provided by the one or more queried server computers; said monitoring system software autonomously gathering at least a part of the information to be reported, in the sense of being independent of a specific query from any...

34/69, K/32 (Item 32 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0009206554 - Drawing available
WPI ACC NO: 1999-131587/199911
Related WPI Acc No: 2000-655332
XRXPX Acc No: N1999-095884

Diagnostic subsystem for host server computer - includes system management module that detect failure of primary component, in response to which PCI bus is locked and spare component is replaced for primary component

Patent Assignee: COMPAQ COMPUTER CORP (COPQ)

Inventor: GAGLIARDI L R; MILLER J P; TAVALLAEI S

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5864653	A	19990126	US 1996775770	A	19961231	199911 B

Priority Applications (no., kind, date): US 1996775770 A 19961231

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
US 5864653	A	EN	27	11	

Alerting Abstract US A

NOVELTY - A system management module (SMM) (100) is connected to the PCI

bus. The module includes a system management processor (SMP) and a system management central (SMC) control logic. A primary component for performing specified operation and spare component, are connected to the PCI bus. The module includes a monitor logic (225) that detects the failure of the primary component, in response to which SMM locks the PCI bus and switches the spare component for the primary component. System management remote (SMR) units (71-73) are connected to SMM through a Granite interrupt bus (GIBUS). DETAILED DESCRIPTION - A host processor (25) is connected to a host bus. A bus bridge (85) connects the host bus to a PCI bus. The module reconfigures a memory map that stores resources on the PCI bus when switching the spare component for the primary component. The module initialises the spare component and disables the primary component when switching the spare component for the primary component. TECHNOLOGY FOCUS - The SMR units are coupled to SMC via IEEE 1149.1 standard test access bus. INDEPENDENT CLAIMS are also included for the method of replacing failed component on system bus in computer system and a network file server.

USE - For host server computer in remote computing system.

ADVANTAGE - Isolates failed components by masking request, grant and interrupt lines for failed device. Monitors host server for errors and minimises error conditions in distributed computing system. DESCRIPTION OF DRAWING(S) - The figure illustrates block diagram of host server system. (25) Host processor; (85) Bus bridge; (100) System management module; (225) Monitor logic.

Title Terms/Index Terms/Additional words: DIAGNOSE; SUBSYSTEM; HOST; SERVE; COMPUTER; SYSTEM; MANAGEMENT; MODULE; DETECT; FAIL; PRIMARY; COMPONENT; RESPOND; BUS; LOCK; SPARE; REPLACE

Class Codes

International Classification (Main): G06F-011/20

US Classification, Issued: 315181000, 395182050, 395288000, 395290000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F05G5; T01-G03; T01-G08; T01-H07C5A; T01-H07C5S

...includes system management module that detect failure of primary component, in response to which PCI bus is locked and spare component is...

Alerting Abstract ...in distributed computing system. DESCRIPTION OF DRAWING(S) - The figure illustrates block diagram of host server system. (25) Host processor; (85) Bus bridge; (100) System management module; (225) Monitor logic.

Original Publication Data by Authority

Original Abstracts:

A system management module (SMM) for a host server system includes a system management processor (SMP) connected to a system management local bus. The system management local bus connects to the system PCI bus through a system management central (SMC). The SMC includes the main...

...permits dynamic switching to the spare. In addition to detecting errors and performing survival and maintenance operations, the SMC enhances system performance during normal operations by supporting master-target priority determinations to more efficiently arbitrate mastership of system busses such as...

Claims:

...said system management module includes a system management processor; a primary component connected to said PCI bus for performing specified operations on the PCI bus; a spare component connected to said PCI bus; wherein the system management module includes monitor logic for detecting failure of the primary component, and in response, the system

management module locks the PCI bus to dynamically switch the spare component for the primary component. Basic Derwent Week: 199911

34/69,K/42 (Item 42 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008968318 - Drawing available
WPI ACC NO: 1998-521583/199844

Related WPI Acc No: 2000-195803
XRXPX Acc No: N1998-407345

Server program operating on network monitoring system e.g. for system performance, usage trends, security auditing, capacity planning - employs distributed, automated intelligent monitoring agents with embedded sensing technology which is knowledgeable of application protocols, to monitor continuously network environment in real-time

Patent Assignee: FIRSTSENSE SOFTWARE INC (FIRS-N)
Inventor: AGARWAL N; MCMENEMY G; MCMENEMY M G; PERRET P

Patent Family (9 patents, 79 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
WO 1998042103	A1	19980924	WO 1998US5162	A	19980317	199844 B
AU 199865598	A	19981012	AU 199865598	A	19980317	199907 E
US 5958010	A	19990928	US 1997821698	A	19970320	199947 E
EP 968589	A1	20000105	EP 1998911704	A	19980317	200006 E
			WO 1998US5162	A	19980317	
JP 2001519942	W	20011023	JP 1998540696	A	19980317	200202 E
			WO 1998US5162	A	19980317	
AU 748862	B	20020613	AU 199865598	A	19980317	200251 E
EP 968589	B1	20040811	EP 1998911704	A	19980317	200452 E
			WO 1998US5162	A	19980317	
DE 69825571	E	20040916	DE 69825571	A	19980317	200461 E
			EP 1998911704	A	19980317	
			WO 1998US5162	A	19980317	
DE 69825571	T2	20050818	DE 69825571	A	19980317	200554 E
			EP 1998911704	A	19980317	
			WO 1998US5162	A	19980317	

Priority Applications (no., kind, date): US 1997821698 A 19970320

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1998042103	A1	EN	25		

National Designated States,Original: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU

Regional Designated States,Original: AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 199865598 A EN Based on OPI patent WO 1998042103
EP 968589 A1 EN PCT Application WO 1998US5162

Based on OPI patent WO 1998042103

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

JP 2001519942 W JA 35 PCT Application WO 1998US5162
Based on OPI patent WO 1998042103

AU 748862 B EN Previously issued patent AU 9865598

Based on OPI patent WO 1998042103
EP 968589 B1 EN PCT Application WO 1998US5162

Based on OPI patent WO 1998042103

Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DE 69825571 E DE Application EP 1998911704

DE 69825571 T2 DE

PCT Application WO 1998US5162
Based on OPI patent EP 968589
Based on OPI patent WO 1998042103
Application EP 1998911704
PCT Application WO 1998US5162
Based on OPI patent EP 968589
Based on OPI patent WO 1998042103

Alerting Abstract WO A1

The system comprises a client having a communications stack passing data between a network and the client. A monitor has an interface to couple into the communications stack and monitors the data are passed between the client and the network. A filter module processes the data to detect portions of the data representative of communications associated with the server program, and a data memory stores the detected portions of data. The system has an agent to couple to the data memory and processes the detected portions of data to generate information representative of an operation of the server program.

A user module receives the information from the agent. The information is processed to determine a characteristic of the server program operation. The user module includes a usage detector to process the information to determine a characteristic representative of a volume of use of the server program by the client.

ADVANTAGE - Provides monitoring systems which yield business transaction level data. Provides less intrusive monitoring system. Characterises resource consumption at business transaction level and takes into account system, network, server and other component activities performed in business transaction.

Title Terms/Index Terms/Additional Words: SERVE; PROGRAM; OPERATE; NETWORK; MONITOR; SYSTEM; PERFORMANCE; TREND; SECURE; AUDIT; CAPACITY; PLAN; EMPLOY; DISTRIBUTE; AUTOMATIC; INTELLIGENCE; AGENT; EMBED; SENSE; TECHNOLOGY; APPLY; CONTINUOUS; ENVIRONMENT; REAL-TIME

Class Codes

International Classification (Main): G06F-011/30, H04L-012/26
(Additional/Secondary): G06F-013/00, G06F-015/16, G06F-015/177,
H04L-012/24, H04L-029/06, H04L-029/14

US Classification, Issued: 709224000, 709223000, 709250000, 395184010

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-F05G; T01-H07C5A; T01-J05B4A; W01-A06A;
W01-A06E2A; W01-A06F

Server program operating on network monitoring system e.g. for system performance , usage trends, security auditing, capacity planning...

Original Titles:

...SYSTEMS AND METHODS FOR MONITORING DISTRIBUTED APPLICATIONS
...

...SYSTEMS AND METHODS FOR MONITORING DISTRIBUTED APPLICATIONS
...

...Systems and methods for monitoring distributed applications
including an interface running in an operating system kernel...

...SYSTEMS AND METHODS FOR MONITORING DISTRIBUTED APPLICATIONS

Original Publication Data by Authority

Original Abstracts:

Systems and methods for automated monitoring and management of distributed applications , client / server databases , networks and

systems across heterogenous environment. The invention employs distributed, automated intelligent monitoring agents with embedded sensing technology which is knowledgeable of application protocols, to monitor continuously the...

...network. The data can be collected and employed for trouble shooting trend analysis, resource planning, security auditing, accounting and chargeback , as well as other applications...

... Systems and methods for automated monitoring and management of distributed applications , client/ server databases, networks and systems across heterogeneous environment The invention employs distributed , automated intelligent monitoring agents with embedded sensing technology which is knowledgeable of application protocols, to monitor continuously the network environment in real time. To this end, the monitoring...

...network. The data can be collected and employed for trouble shooting trend analysis, resource planning, security auditing, accounting and chargeback, as well as other applications .

Systems ...

...Systems and methods for automated monitoring and management of distributed applications, client/server databases, networks and systems across heterogenous environment. The invention employs distributed, automated intelligent monitoring agents with embedded sensing technology which is knowledgeable of application protocols, to monitor continuously the network environment in real time. To this end, the monitoring agent...

...network. The data can be collected and employed for trouble shooting trend analysis, resource planning, security auditing, accounting and chargeback, as well as other applications.

Claims:

...A system (10) for monitoring a server program operating on a network, comprising:a network client computer (12-22) having a communications stack for passing data between said network and said network client computer (12-22);**characterized in that** it further comprises...

...A system for monitoring a server program operating on a network, the system comprising:a client having a communication stack for...

...communications stack and for monitoring said application data being passed between said client and said network ;a filter module for processing said application data to detect portions of said application data representative of communications associated...

34/69, K/44 (Item 44 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008803685 - Drawing available
WPI ACC NO: 1998-348895/199830

XRPX Acc No: N1998-272290

Dynamic filtering method for IP packets in computer network - involves detecting events in system and using these to trigger dynamic assignment of filter profiles to be applied by routers

Patent Assignee: MOTOROLA INC (MOTI); SUN MICROSYSTEMS INC (SUNM)

Inventor: GOEDMAN J; GOEDMAN R J; LIM B; LIM S B; PATRICK M W; PATRICK W;
RADIA R; RADIA S R; TSIRIGOTIS P; WONG K; WONG T K

Patent Family (7 patents, 19 countries)

Patent Number	Kind	Date	Number	Application Kind	Date	Update
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WO 1998026555	A1	19980618	WO 1997US22561	A	19971208	199830	B
US 5848233	A	19981208	US 1996762402	A	19961209	199905	E
EP 1013045	A1	20000628	EP 1997950906	A	19971208	200035	E
			WO 1997US22561	A	19971208		
JP 2001506093	W	20010508	WO 1997US22561	A	19971208	200131	E
EP 1013045	B1	20050817	JP 1998526896	A	19971208	200555	E
DE 69734019	E	20050922	EP 1997950906	A	19971208	200564	E
			WO 1997US22561	A	19971208		
DE 69734019	T2	20060601	DE 69734019	A	19971208	200637	E
			EP 1997950906	A	19971208		
			WO 1997US22561	A	19971208		

Priority Applications (no., kind, date): US 1996762402 A 19961209

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1998026555	A1	EN	34	9	
National Designated States,Original:	JP				
Regional Designated States,Original:	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
EP 1013045	A1	EN	PCT Application WO 1997US22561 Based on OPI patent WO 1998026555		
Regional Designated States,Original:	DE FR GB IT NL SE				
JP 2001506093	W	JA	33	PCT Application WO 1997US22561 Based on OPI patent WO 1998026555	
EP 1013045	B1	EN	PCT Application WO 1997US22561 Based on OPI patent WO 1998026555		
Regional Designated States,Original:	DE FR GB IT NL SE				
DE 69734019	E	DE	Application EP 1997950906 PCT Application WO 1997US22561 Based on OPI patent EP 1013045 Based on OPI patent WO 1998026555		
DE 69734019	T2	DE	Application EP 1997950906 PCT Application WO 1997US22561 Based on OPI patent EP 1013045 Based on OPI patent WO 1998026555		

Alerting Abstract WO A1

The method involves detecting an event associated with a client system in a computer network which includes several client systems (102) connected via modems (104) and a routing system (106) to several servers (108). One or more filtering rules are selected, based on the type of event detected.

A packet filter is established in the computer network, in which the packet filter uses the selected rules to selectively discard packets originating at the client system associated with the detected event. Preferably the detected event is the assignment of an IP address to the client system.

ADVANTAGE - Allows routers to be automatically reconfigured when selected events occur in system.

Title Terms/Index Terms/Additional Words: DYNAMIC; FILTER; METHOD; IP; PACKET; COMPUTER; NETWORK; DETECT; EVENT; SYSTEM; TRIGGER; ASSIGN; PROFILE; APPLY; ROUTER

Class Codes

International Classification (Main): G06F-011/00, H04L-012/56, H04L-029/06
(Additional/Secondary): G06F-013/00, H04L-012/28, H04L-029/14

International Classification (+ Attributes)

IPC + Level Value Position Status Version

H04L-0029/06 A I F B 20060101

US Classification, Issued: 395187010

File Segment: EPI;

DWPI Class: T01; W01
Manual Codes (EPI/S-X): T01-M02A1; W01-A03B; W01-A06B7; W01-A06E1; W01-A06F
; W01-A06G2

Original Publication Data by Authority

Original Abstracts:

...packets based on events within a computer network. More specifically, the present invention includes a services management system, or SMS. The SMS manages network connections between a series of client systems and a router. An access network control server (ANCS) manages the configuration of the router. The SMS monitors activities or events that occur within the network. In response to these events, the SMS dynamically downloads filtering profiles...

...for filtering IP packets based on events within a computer network. More specifically, the present invention includes a services management system, or SMS. The SMS manages network connections between a series of client systems and a router. An access network control server (ANCS) manages the configuration of the router. The SMS monitors activities or events that occur within the network. In response to these events, the SMS dynamically downloads filtering profiles to the ANCS. The ANCS...

...based on events within a computer network. More specifically, the present invention includes a services management system, or SMS. The SMS manages network connections between a series of client systems and a router. An access network control server (ANCS) manages the configuration of the router. The SMS monitors activities or events that occur within the network. In response to these events, the SMS dynamically downloads filtering profiles to the ANCS. The ANCS then uses the downloaded filtering...

...Basic Derwent Week: WO 1997US22561

34/69, K/50 (Item 50 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0008451437 - Drawing available
WPI ACC NO: 1997-206449/ 199719

Related WPI Acc No: 2003-474943

Management system for client server system - has service processor which controls power supply according to indication from agent

Patent Assignee: FURUKAWA H (FURU-I); HITACHI LTD (HITA); HITACHI SEISAKUSHO KK (HITA); KARASAKI T (KARA-I); KOBAYASHI Y (KOBA-I); MIYAGAWA Y (MIYA-I); MURAI M (MURA-I); OTE I (OTEI-I); SAKURAI S (SAKU-I); TOBITA T (TOBI-I); WASHIMI H (WASH-I)

Inventor: FURUKAWA H; HIDA Y; KARASAKI S; KARASAKI T; KOBAYASHI Y; MIYAGAWA Y; MURAI M; OTE I; SAKURAI S; TOBITA T; WASHIMI H

Patent Family (8 patents, 3 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
JP 9050386	A	19970218	JP 1996138017	A	19960531	199719 B
TW 292365	A	19961201	TW 1996106338	A	19960528	199720 E
US 5815652	A	19980929	US 1996655482	A	19960530	199846 E
US 6044476	A	20000328	US 1996655482	A	19960530	200023 E
			US 1998144174	A	19980831	
US 6199180	B1	20010306	US 1996655482	A	19960530	200115 E
			US 1998144174	A	19980831	
			US 1999475057	A	19991230	
US 20010008021	A1	20010712	US 1996655482	A	19960530	200143 E
			US 1998144174	A	19980831	
			US 1999475057	A	19991230	

JP 3653335	B2	20050525	US 2001771989	A 20010130		
US 7089451	B2	20060808	JP 1996138017	A 19960531	200539	E
			US 1996655482	A 19960530	200652	E
			US 1998144174	A 19980831		
			US 1999475057	A 19991230		
			US 2001771989	A 20010130		

Priority Applications (no., kind, date): JP 1995133177 A 19950531

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
JP 9050386	A	JA	24	24	
TW 292365	A	ZH			
US 6044476	A	EN			Continuation of application US
1996655482					
US 6199180	B1	EN			Continuation of patent US 5815652
1996655482					Continuation of application US
1998144174					Continuation of application US
US 20010008021	A1	EN			Continuation of application US
1996655482					
1998144174					Continuation of application US
1999475057					Continuation of application US
JP 3653335	B2	JA	21		Continuation of patent US 5815652 Continuation of patent US 6044476 Continuation of patent US 6199180 Previously issued patent JP 09050386
US 7089451	B2	EN			Continuation of application US
1996655482					Continuation of application US
1998144174					Continuation of application US
1999475057					Continuation of patent US 5815652 Continuation of patent US 6044476 Continuation of patent US 6199180

Alerting Abstract JP A

The system has an agent (17) which executes an instruction to a computer for management (10). At least two computers are connected in a network (162). The network operating system controls the file system service relating to data transfer between the computers which are linked to the network, using one computer as a management computer. A manager (241) performs the structure management and the failure management of the other computer connected in the network using the computer for management. The agent performs monitoring of the supplementary information of each computer according to the indication from the management, which is sent via the network.

A service processor board (12) included in the computer for management, performs failure monitoring and the power supply control of the computer for management by the indication from the agent. The service processor board equipped with a switching circuit of an asynchronous interface (122) and the service processor manager are linked to a remote management computer (27).

ADVANTAGE - Reduces burden of system administrator in wide area network, sharply. Prevents system failure by monitoring failure at early stage.

Title Terms/Index Terms/Additional Words: MANAGEMENT; SYSTEM; CLIENT; SERVE ; SERVICE; PROCESSOR; CONTROL; POWER; SUPPLY; ACCORD; INDICATE; AGENT

Class Codes

International Classification (Main): G06F-011/22, G06F-011/28
(Additional/Secondary): G06F-001/00, G06F-001/28, G06F-013/00
International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0011/22	A	I	R	20060101	
G06F-0011/273	A	I	R	20060101	
G06F-0011/30	A	I	R	20060101	
G06F-0011/32	A	N	R	20060101	
G06F-0011/34	A	N	R	20060101	
G06F-0011/00	A	I	F	B	20060101
G06F-0011/22	C	I	R	20060101	
G06F-0011/273	C	I	R	20060101	
G06F-0011/30	C	I	R	20060101	
G06F-0011/32	C	N	R	20060101	
G06F-0011/34	C	N	R	20060101	

US Classification, Issued: 714031000, 395200590, 395183070, 714031000,
714031000

File Segment: EPI;
DWPI Class: T01

Management system for client server system -

Alerting Abstract ...the network, using one computer as a management computer. A manager (241) performs the structure management and the failure management of the other computer connected in the network using the computer for management. The agent...

...A service processor board (12) included in the computer for management, performs failure monitoring and the power supply control of the computer for management by the indication from...

Original Publication Data by Authority

Original Abstracts:

...management system attains, through one line, the uniform and steady system management through an agent such as monitoring of fault and power control in a computer connected by LAN as well as a public line, and system management for an off-state of the computer or abnormal operation state of the computer such as remote power control and notice and diagnosis of critical fault by the direct connection with a service processor through the line. The system includes an agent connected to a...

...be managed, a service processor board having a processor independent from the computer to be managed for monitoring fault in the computer to be managed and controlling power of the computer to be managed, a manager for executing instructions on a management computer and conducting controls such as fault monitoring and power control through the agent over a network including a public line, and...

...manager directly connected to the service processor for conducting remote power-on and receiving and diagnosing critical fault. The service processor and the service processor manager are provided with switching circuits for switching an asynchronous interface for remotely connecting to the...

...be managed, a service processor board having a processor independent from the computer to be managed for monitoring fault in the computer to be managed and controlling power of the computer to be managed, a manager for executing instructions on a management computer and conducting controls such as fault monitoring and power control through the agent over a network including a public line, and a service...

...manager directly connected to the service processor for conducting

remote power-on and receiving and diagnosing critical fault . The service processor and the service processor manager are provided with switching circuits for switching an asynchronous interface for remotely connecting to the computer...

...be managed, a service processor board having a processor independent from the computer to be managed for monitoring fault in the computer to be managed and controlling power of the computer to be managed , a manager for executing instructions on a management computer and conducting controls such as fault monitoring and power control through the agent over a network including a public line, and a service processor manager directly connected to the service processor for conducting remote power-on and receiving and diagnosing critical fault . The service processor and the service processor manager are provided with switching circuits for switching an asynchronous interface for remotely connecting to the computer to...

...be managed, a service processor board having a processor independent from the computer to be managed for monitoring fault in the computer to be managed and controlling power of the computer to be managed , a manager for executing instructions on a management computer and conducting controls such as fault monitoring and power control through the agent over a network including a public line, and a service processor manager directly connected to the service processor for conducting remote power-on and receiving and diagnosing critical fault . The service processor and the service processor manager are provided with switching circuits for switching an asynchronous interface for remotely connecting to the computer to...

Claims:

...one computer serving as a management computer, of said computers connected by said network, for managing at least configuration and fault of the other computer as a computer to be managed , of said computers connected by said network;an agent for monitoring information on said computers and controlling said computers in...

...to be managed, said extended board including a processor independent from said computer to be managed for monitoring the occurrence of fault in said computer to be managed , sending fault information to said agent through said I/O bus and a service processor (SVP) for controlling a power supply of said computer to be managed by an instruction from said agent...

...one computer serving as a management computer, of said computers connected by said network, for managing at least configuration and fault of the other computer as a computer to be managed , of said computers connected by said network;an agent on said computer to be managed , for monitoring information on said computer to be managed and controlling said computer to be managed in accordance with an instruction from said manager...

...to be managed, said extended board including a processor independent from said computer to be managed for monitoring the occurrence of fault in said computer to be managed , sending fault information to said agent through said I/O bus and a service processor (SVP) for controlling a power supply of said computer to be managed by an instruction from said agent; and a sub-power supply for continuously and constantly supplying power to said extended board independently of the power...

...A computer program stored in a tangible medium which, when executed, carries out a method of managing a fault in a computer system including a managed computer to be managed, a managing computer...

...computer, said method comprising:performing a processing on the managed computer for monitoring and recognizing a fault occurring within the managed computer based on a signal from a sensor which is provided in

said managed computer in order to monitor a fault of the managed computer, performing a processing on the managed computer for generating a fault event in order to inform said managed computer of a fault in response to the recognition of occurrence of the fault; sending the fault event caused in said managed computer thereto and recording the sent fault event as a fault log; and sending said fault event to said managing computer via the network.>
Basic Derwent Week: 199719

34/69,K/73 (Item 73 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006212542 - Drawing available
WPI ACC NO: 1993-001561/ 199301
Related WPI Acc No: 1994-067562; 1996-442765; 1998-332689; 1998-594280;
2003-127871
XRXPX Acc No: N1993-001049
Computer system manager for determining network performance and potential failures - transparently monitors signals transferred between system components along system bus and stored objects related to monitored signals in object space, from which operating condition information is provided

Patent Assignee: COMPAQ COMPUTER CORP (COPQ)
Inventor: BARRON J E; CHEN C X; DANIELSON L L; DINESH S K; FARRAND S C;
FULTON P R; HEALD A D; HERNANDEZ T J; KUNZ R A; MANGOLD R P; MILLER A J;
NEYLAND R A; SAADEH S S; SHARMA D K; STUPEK R A; WARD R G; WILEY M R

Patent Family (7 patents, 14 countries)

Number	Kind	Date	Number	Kind	Date	Update
EP 520769	A2	19921230	EP 1992305801	A	19920624	199301 B
CA 2071804	A	19921225	CA 2071804	A	19920619	199316 E
US 5367670	A	19941122	US 1991720259	A	19910624	199501 E
			US 1994192072	A	19940204	
EP 520769	A3	19931118	EP 1992305801	A	19920624	199512 E
EP 520769	B1	19980318	EP 1992305801	A	19920624	199815 E
DE 69224775	E	19980423	DE 69224775	A	19920624	199822 E
			EP 1992305801	A	19920624	
JP 3410748	B2	20030526	JP 1992190041	A	19920624	200335 E

Priority Applications (no., kind, date): US 1994192072 A 19940204; US 1991720259 A 19910624

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 520769	A2	EN	17	5	
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IT LI NL SE					
CA 2071804	A	EN			
US 5367670	A	EN	15	5	Continuation of application US 1991720259
EP 520769	A3	EN			
EP 520769	B1	EN	21	5.	
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IT LI NL SE					
DE 69224775	E	DE			Application EP 1992305801
					Based on OPI patent EP 520769
JP 3410748	B2	JA	15		Previously issued patent JP 05257914

Alerting Abstract EP A2

The network comprises a file server having a computer system board with a system bus installed and at least one computer station having a console. A network connects the console to the file server. A network operating system

controls the information transfers between the file server and the cathode via the network. It includes a network manager for governing information transfers along the network.

A system manager governs the computer system board by monitoring signals transferred along the system bus of the computer system board, determines alert conditions based upon the monitored signals and generates alerts based on the determined alert conditions.

USE/ADVANTAGE - E.g. for LAN's. Produces network able to manage entire system from single management console. Reporting of potential failures provides for preventative maintenance.

Equivalent Alerting Abstract US A

The system manager for a computer system. The system manager transparently monitors signals transferred between computer system components along a system bus and stores objects related to the monitored signals in an object space. Information related to operating conditions within the system can then be provided from the object space. Later, the object space can be updated and the updated object space used to provide updated information regarding the operating conditions of the system.

Title Terms/Index Terms/Additional words: COMPUTER; SYSTEM; MANAGE; DETERMINE; NETWORK; PERFORMANCE; POTENTIAL; FAIL; TRANSPARENT; MONITOR; SIGNAL; TRANSFER; COMPONENT; BUS; STORAGE; OBJECT; RELATED; SPACE; OPERATE; CONDITION; INFORMATION

Class Codes

International Classification (Main): G06F-011/30, G06F-013/00, G06F-013/12
(Additional/Secondary): G06F-011/00, G06F-011/34, G06F-013/10,
G06F-015/177, H04L-012/26, H04L-012/28, H04L-012/48

US Classification, Issued: 395575000, 395700000, 395200000, 364DIG001,
364221700, 364241200, 364241400, 364264000, 364264200, 364265000,
364266600, 364285000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F02; T01-F05; T01-G05C; T01-M02A1

Computer system manager for determining network performance and potential failures...

Original Titles:

...Computer system manager for monitoring events and operating parameters and generating alerts

Alerting Abstract ...ADVANTAGE - E.g. for LAN's. Produces network able to manage entire system from single management console. Reporting of potential failures provides for preventative maintenance.

Original Publication Data by Authority

Claims:

...information transfers between said file server and said at least one console via said network, said network operating system including a network manager for managing information transfers along said network; and
 a system manager for managing said computer system board, said system manager managing said computer system board by monitoring signals transferred along said system bus of said computer system board, determining alert conditions based upon said monitored signals and generating alerts based upon said determined alert conditions

...
...to said file server; a network operating system for controlling information transfers between said file server and said at least one computer station via said network; and a system manager for managing said computer system board, said system manager comprised of: external operating condition monitoring means for collecting information

related to at least one external operating condition; a monitoring device connected to said system bus, said monitoring device receiving a plurality of signals transferred along said system bus; a control processor connected...

Basic Derwent Week: 199301

34/69,K/75 (Item 75 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006202922 - Drawing available
WPI ACC NO: 1992-277720/ 199234
XRPX Acc No: N1992-212406

Operation availability method for computer programs - recovering software from failure and reprocessing or rejecting stimulus such that result is available to system user within specified stimulus response time

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: SMITH D M

Patent Family (6 patents, 4 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
EP 481231	A	19920422	EP 1991115808	A	19910918	199234 B
CA 2053344	A	19920418	CA 2053344	A	19911011	199234 E
US 5129080	A	19920707	US 1990599178	A	19901017	199234 E
CA 2053344	C	19940329	CA 2053344	A	19911011	199418 E
EP 481231	B1	19971126	EP 1991115808	A	19910918	199801 E
DE 69128271	E	19980108	DE 69128271	A	19910918	199807 E
			EP 1991115808	A	19910918	

Priority Applications (no., kind, date): US 1990599178 A 19901017

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
EP 481231	A	EN	13	3	
CA 2053344	A	EN			
US 5129080	A	EN	12	3	
CA 2053344	C	EN			
EP 481231	B1	EN	15	3	

Regional Designated States,Original: DE FR GB

DE 69128271 E DE Application EP 1991115808
Based on OPI patent EP 481231

Alerting Abstract EP A

The method involves dividing a computer program into a number of functional modules, and loading a copy of a functional module into a processor's address space, and locating a second copy of the functional module into a second processor's address space. The processor executes the first module to send application dependent state data to the second processor where it is received by the second module copy.

The processor executes the first module maintaining a normal application processing state. The second processor executes the second module, maintaining a secondary state knowledge sufficient to enable it to become a primary functioning module. Both processors, while executing their modules, maintain open sessions with a number of servers connected within the network. On demand the second functional module assumes the role of the first.

ADVANTAGE - Recovery from failure of either software or hardware occurs before failure becomes operationally visible.

Equivalent Alerting Abstract US A

A software structure, an operational unit (OU), and a related availability management function (AMF) are the key components. The OU concept is implemented by partitioning as much of the system's software as possible into independent self-contained modules whose interactions with one another is via a network server. A stimulus enters the system and is

routed to the first module in its thread, and from there transverses all required modules until an appropriate response is produced and made available to the system's user.

Each module is two copies of the code and data-space of the OU. One of the copies, called the Primary Address Space (PAS), maintains actual state data. The other copy, called the Standby Address Space (SAS), runs in a separate processor, and may, or may not maintain actual state data.

ADVANTAGE - Software recovers from failure and reprocess or reject stimulus so that result is available to user of system within specified response time for that type of stimulus.

Title Terms/Index Terms/Additional Words: OPERATE; AVAILABLE; METHOD; COMPUTER; PROGRAM; RECOVER; SOFTWARE; FAIL; REPROCESSING; REJECT; STIMULUS; RESULT; SYSTEM; USER; SPECIFIED; RESPOND; TIME

Class Codes

International Classification (Main): G06F-011/00, G06F-011/20, G06F-009/00
(Additional/Secondary): G06F-011/14
US Classification, Issued: 395575000, 364DIG001, 364228300, 364240800,
364242940, 364265000, 364266000, 364268100, 364268400, 364268900,
364269200, 364282100, 364282400, 395650000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F05B; T01-G05A; T01-M02A

... recovering software from failure and reprocessing or rejecting stimulus such that result is available to system user within specified

Alerting Abstract ...ADVANTAGE - Recovery from failure of either software or hardware occurs before failure becomes operationally visible.

Equivalent Alerting Abstract ...A software structure, an operational unit (OU), and a related availability management function (AMF) are the key components. The OU concept is implemented by partitioning as much of...

...ADVANTAGE - Software recovers from failure and reprocess or reject stimulus so that result is available to user of system within...

Original Publication Data by Authority

Original Abstracts:

A system and method are disclosed to organize computer software operating in a distributed system of computers, so that its recovery from a failure of either the software or the hardware occurs before the failure becomes operationally visible. The software is made to recover from the failure and reprocess or reject the stimulus such that the result is available to the user of the system within...

...A system and method are disclosed to organize computer software operating in a distributed system of computers, so that its recovery from a failure of either the software or the hardware occurs before the failure becomes operationally visible. The software is made to recover from the failure and reprocess or reject the stimulus such that the result is available to the user of the system within the specified response time for...

Claims:

...distributed system, whereby none of said functional modules shares data with any other module, and whereby all of said functional modules maintains all necessary state data for their own operation; controlling the state of all of said functional modules (10) by availability management means, which monitor the performance of said functional modules, and which coordinate detection and recovery of system failures; loading a first copy of a functional module into a first processor's (22) address space (20) and locating a second copy of

said functional module into a second processor's (22') address space (20'),
said two...

34/69,K/76 (Item 76 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0006155976 - Drawing available
WPI ACC NO: 1992-399078/ 199248
Related WPI Acc No: 1992-399077
XRPX Acc No: N1992-304405

Distributed computer system licensed software item managing method -
using filter function to obtain information from license authorisation for
selected software item in response to request from node

Patent Assignee: DIGITAL EQUIP CORP (DIGI)

Inventor: WYMAN R M

Patent Family (13 patents, 36 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update	
WO 1992020022	A1	19921112	WO 1992US3812	A	19920506	199248	B
AU 199220158	A	19921221	AU 199220158	A	19920506	199311	E
			WO 1992US3812	A	19920506		
EP 538453	A1	19930428	EP 1992912052	A	19920506	199317	E
			WO 1992US3812	A	19920506		
US 5204897	A	19930420	US 1991722840	A	19910628	199317	E
			US 1992914040	A	19920714		
US 5260999	A	19931109	US 1991723457	A	19910628	199346	E
			US 1992946009	A	19920915		
TW 223159	A	19940501	TW 1992105077	A	19920627	199423	E
AU 659652	B	19950525	AU 199220158	A	19920506	199529	E
US 5438508	A	19950801	US 1991723456	A	19910628	199536	E
			US 1994304632	A	19940912		
NZ 243277	A	19951026	NZ 243277	A	19920623	199604	E
IL 102114	A	19960514	IL 102114	A	19920605	199633	E
EP 538453	B1	19990203	EP 1992912052	A	19920506	199910	E
			WO 1992US3812	A	19920506		
DE 69228350	E	19990318	DE 69228350	A	19920506	199917	E
			EP 1992912052	A	19920506		
			WO 1992US3812	A	19920506		
IL 116271	A	19990312	IL 102114	A	19920605	199923	E
			IL 116271	A	19920605		

Priority Applications (no., kind, date): US 1994304632 A 19940912; US 1992946009 A 19920915; US 1992914040 A 19920714; US 1991723457 A 19910628; US 1991723456 A 19910628; US 1991697652 A 19910508; US 1991722840 A 19910628

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1992020022	A1	EN	134	46	
National Designated States,Original:	AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KP KR LK LU MG MW NL NO PL RO RU SD SE				
Regional Designated States,Original:	AT BE CH DE DK ES FR GB GR IT LU MC NL OA SE				
AU 199220158	A	EN			PCT Application WO 1992US3812 Based on OPI patent WO 1992020022
EP 538453	A1	EN			PCT Application WO 1992US3812 Based on OPI patent WO 1992020022
Regional Designated States,Original:	DE FR GB IT				
US 5204897	A	EN	43	46	Continuation of application US 1991722840
US 5260999	A	EN	41	46	Continuation of application US

1991723457
 TW 223159 A ZH Previously issued patent AU 9220158
 AU 659652 B EN
 US 5438508 A EN 43 46 Based on OPI patent WO 1992020022
 1991723456 NZ 243277 A EN Continuation of application US
 IL 102114 A EN
 EP 538453 B1 EN PCT Application WO 1992US3812
 Based on OPI patent WO 1992020022
 Regional Designated States,Original: DE FR GB IT
 DE 69228350 E DE Application EP 1992912052
 PCT Application WO 1992US3812
 Based on OPI patent EP 538453
 Based on OPI patent WO 1992020022
 IL 116271 A EN Division of application IL 102114
 Division of patent IL 102114

Alerting Abstract WO A1

The method involves the computer system processor maintaining a store of license authorisation for the software items. Each authorisation includes an indication of license management policy for a software item. The indication has sets of policy components granting alternatives of specified restrictive rights to selectively access and execute the software components.

The processor can modify the specified restrictive rights of the policy of an identified license authorisation. The processor accesses the store using the filter to obtain information from the license authorisation for a selected software item in response to a node request. The node and software item identification are compared with the information to send a request grant or refused.

USE/ADVANTAGE - For use in license management system to account for software product usage. Allows one user node to use software produce an another node. Can be used with wide variety of software products from different vendors as long as all follow defined format.

USE/ADVANTAGE - d

Equivalent Alerting Abstract US A

The licensed software use management method involves using a processor to maintain a store of authorisations for software items. Each license authorisation includes an indication of license management policy for a software item. The indication has a number of sets of policy components which grant specified restrictive rights to execute or access software items by nodes of a computer system. The restrictive rights include sets of restrictions in terms of use and duration of use of a software item. The policy components provide alternatives in rights to execute or access the software items by one or more nodes in the computer system.

The license authorisations are received by the processor from a license granter external to the processor and stored. The store is accessed by the processor using management functions to identify a license authorisation in the store, and to modify in the store, one or more of the specified restrictive rights of the policy components of the identified license authorisation.

ADVANTAGE - Complexity of licensing and managing networks of distributed applications can be significantly reduced.

ADVANTAGE - ing

Equivalent Alerting Abstract US A

The method involves maintaining by the computer system a store of license authorizations for the software items. Each license authorization includes an indication of license management policy for a software item. The indication is an encoded document containing a number of attributes defining the license policy.

A mechanism is provided for the computer system for selecting information from the store of license authorizations by use of a filter. The filter specifies one or more of the attributes and a Boolean operator for each selected attribute.

A request by a user of one of the software items is sent to the computer system to obtain permission to use the software item. The request includes an identification of the user and the software item. The store is accessed by the filter to select information from the license authorization for the software item, in response to the request. The identification of the user and the software item is compared with the information selected by the filter, to produce a grant or refusal of the request. The grant or refusal is sent by the computer system to the user.

USE - For accounting for software package usage in computer system.

Equivalent Alerting Abstract US A

The method for managing execution of licensed software items in the computer system, comprises the steps of maintaining by the computer system a store of license authorizations for the software items. Each license authorization includes an indication of license management policy for a software item, the indication being in the format of an encoded document of a data type consisting of an ordered sequence of three elements, the three elements including a document descriptor, a document header and the document content.

The computer system accesses the store to retrieve information from the license authorization for the software item, in response to a request from a client, and compares the client request, including identification of the client and the software item, with the retrieved information, to produce a grant or refusal of the request.

Title Terms/Index Terms/Additional Words: DISTRIBUTE; COMPUTER; SYSTEM; SOFTWARE; ITEM; MANAGE; METHOD; FILTER; FUNCTION; OBTAIN; INFORMATION; LICENCE; AUTHORISE; SELECT; RESPOND; REQUEST; NODE

Class Codes

International Classification (Main): G06F-001/00, G06F-015/21, G06F-017/40, G06F-017/60, H04L-009/00

(Additional/Secondary): G06F-013/24

US Classification, Issued: 380004000, 380025000, 384004000, 364401000, 380004000

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-H01C2; T01-J12C; T01-J20X; T01-M02A

Distributed computer system licensed software item managing method...

Equivalent Alerting Abstract ...granted external to the processor and stored. The store is accessed by the processor using management functions to identify a license authorisation in the store, and to modify in the store, one...

...ADVANTAGE - Complexity of licensing and managing networks of distributed applications can be significantly reduced...

Original Publication Data by Authority

Original Abstracts:

A distributed computer system employs a license management system to account for software product usage. A management policy having a variety of alternative styles and contexts is provided. Each licensed product upon start-up makes a...

...used by all adhering software vendors. A feature of the database management is the use of a filter function.

...
...A distributed computer system employs a license management system to account for software product usage . A management policy having a variety of alternative styles and contexts is provided. Each licensed product upon start-up makes a call to a license server...

...is structured to define a license management policy allowing a variety of license alternatives by values called "style", "context", "duration" and "usage requirements determination method". The license administration may be delegated by the license server to a ...

...adhering software vendors. A feature of the database management is the use of a filter function .

...
...A distributed computer system employs a license management system to account for software product usage . A management policy having a variety of alternative styles and contexts is provided. Each licensed product upon start-up makes a call to a license server to check on whether usage...

...license management policy allowing a variety of license alternatives by values called "style", "context", "duration" and "usage requirements determination method". The license administration may be delegated by the license server to a ...>A distributed computer system employs a license management system to account for software product usage . A management policy having a variety of alternative styles and contexts is provided. Each licensed product upon start- up makes a call to a license server to check on whether usage is permitted, and the license...

...management policy allowing a variety of license alternatives by values called "style", "context", "duration" and "usage requirements determination method". The license administration may be delegated by the license server to a subsection of the organization , by creating another license management facility duplicating the main facility. The license server must receive a license document (a product...

...and can be used by all adhering software vendors. A feature of the database management is the use of a filter function .

...
...A distributed computer system employs a license management system to account for software product usage . A management policy having a variety of alternative styles and contexts is provided . Each licensed product upon start-up makes a call to a license server to check on whether usage is permitted, and the license server checks a database of the licenses, called product use...

...delegated by the license server to a subsection of the organization, by creating another license management facility duplicating the main facility. The license server must receive a license document (a product...

...make delegations, assignments, etc. The license documents are maintained in a standard format referred to as a license document interchange format so the management system is portable and can be used by all adhering software vendors. A feature of the database management is the use of a filter function. >

Claims:

...grantor (25,28) external to said processor; and</br> accessing said store by said processor using management functions executed on said processor to identify a license authorization in said store, and to modify in said store one or more of said specified restrictive rights of said policy...

...from a license grantor external to said processor; accessing said store by said processor using management functions executed on said processor to identify a license authorization in said store, and to modify in said store one or more of said specified restrictive rights of
Basic Derwent Week: 199248

34/69,K/79 (Item 79 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0005801662 - Drawing available
WPI ACC NO: 1992-024595/ 199203

XRPX Acc No: N1992-018745

Control architecture for highly parallel multiprocessor system - has maintenance and control systems for sensing and controlling all sections of multiprocessor system over network

Patent Assignee: SUPERCOMPUTER SYST (SUPE-N); SUPERCOMPUTER SYSTEMS LP (SUPE-N)

Inventor: BEARD D R; CLOUNCH D L; COLLIER G L; RHEA C J; SPIX G A; THROOP G J

Patent Family (2 patents, 12 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 1991020035	A	19911226	WO 1991US4075	A	19910610	199203 B
US 5253359	A	19931012	US 1990535901	A	19900611	199342 E

Priority Applications (no., kind, date): US 1990535901 A 19900611

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
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WO 1991020035	A	EN			
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National Designated States,Original: JP

Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IT

US 5253359	A	EN	14	6	
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Alerting Abstract WO A

The control and maintenance architecture has a number of maintenance and control units (54,56,58,60,62,64,66,68) distributed to various parts of the computer system for sensing and controlling the numerous sections of a highly parallel multiprocessor system. A maintenance and control network connects the maintenance and control units to a maintenance and control console.

The system communicates with all processors (32,34,36,38), all peripheral systems (40,42) all user interfaces (48) to the multiprocessor system, a system console (84) and the power and environmental control subsystems (52).

USE/ADVANTAGE - In maintenance and control of high speed supercomputer and its peripheral devices. Sets and senses machine states. Independent control of start-up sequences. Multiprocessor system can be controlled from single console. @18pp Dwg.No.2/6@

Equivalent Alerting Abstract US A

The system provides maintenance and control for sensing and controlling the numerous sections of a highly parallel multiprocessor system, and communicates with all processors, all peripheral systems, all user interfaces to the multiprocessor system, a system console, and the power and environmental control subsystems.

The system includes two or more computer processors tightly coupled to form the shared memory multiprocessor computer system including at least a first and second maintenance and control unit, each maintenance and control unit operably connected to one or more of the computer processors that are connected to peripheral devices.

USE/ADVANTAGE - Control and maintenance architecture providing integrated hardware and software solution to problem of access and control over

internal machine registers of a highly parallel multiprocessor system . The master/logging maintenance control unit can operate as file server or store any or all programs to be run on any MCU. Provides independent control of processor power up sequences, processor clocks, processor machine states and peripherals, provides architecture for control and maintenance subsystem, common operator interface between actual system hardware and engineering and development tools.

Title Terms/Index Terms/Additional Words: CONTROL; ARCHITECTURE; HIGH; PARALLEL; MULTIPROCESSOR; SYSTEM; MAINTAIN; SENSE; SECTION; NETWORK
Class Codes

International Classification (Main): G06F-011/00
(Additional/Secondary): G06F-011/32

US Classification, Issued: 395575000, 364267000, 364267600, 364285000, 364276800, 364DIG001, 371018000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-M02C; T01-M06E

Equivalent Alerting Abstract ...USE/ADVANTAGE - Control and maintenance architecture providing integrated hardware and software solution to problem of access and control over internal machine registers of a highly parallel multiprocessor system . The master/logging maintenance control unit can operate as file server or store any or all programs to be run on any MCU. Provides independent control...

Original Publication Data by Authority

Claims:

...system, each maintenance and control unit including; a processor means for performing a plurality of maintenance and control operations on one or more devices connected to said maintenance and control unit; for each of said one...

...said processor means can control the operation of said clock signal in each of said maintenance partitions independently from the operation of said clock signal in any other of said maintenance partitions. ...

...
?

? show files;ds
File 347:JAPIO Dec 1976-2007/Mar(Updated 070809)
 (c) 2007 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200738
 (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070913UT=20070906
 (c) 2007 WIPO/Thomson
File 350:Derwent WPIX 1963-2007/UD=200757
 (c) 2007 The Thomson Corporation

Set	Items	Description
S1	6	AU=(DEGIORGIO C? OR DEGIORGIO, C?)
S2	7	AU=(KALTENMARK J? OR KALTENMARK, J?)
S3	2	AU='DE GIORGIO J'
S4	12	S1:S3
S5	109	NETCENTRIC?
S6	33	S5(10N)OPERATION? ?
S7	5	S4 AND S6
? t7/5/1-3;t7/69/4-5		

7/5/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01287316
OPERATIONS ARCHITECTURES FOR NETCENTRIC COMPUTING SYSTEMS
OPERATIONSARCHITEKTUREN FUR NETZBASIERTE RECHNERSYSTEME
ARCHITECTURES D'OPERATIONS POUR SYSTEMES INFORMATIQUES BASES SUR LE NET
PATENT ASSIGNEE:
Accenture LLP, (3280271), 100 South Wacker Drive, Chicago, IL 60603, (US)
, (Applicant designated States: all)
INVENTOR:
KALTENMARK, John, K. , 1202 Keim Trail, St. Charles, IL 60174, (US)
DEGIORGIO, Christopher, M. , 860 West Buckingham 2W, Chicago, IL 60657,
(US)
PATENT (CC, No, Kind, Date):
WO 2001025914 010412
APPLICATION (CC, No, Date): EP 2000968467 000929; WO 2000US26692 000929
PRIORITY (CC, No, Date): US 156962 P 991001
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS (V7): G06F-009/445
LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 010606 A2 International application. (Art. 158(1))
Application: 010606 A2 International application entering European
phase
Application: 021204 A2 International application. (Art. 158(1))
Appl Changed: 021204 A2 International application not entering European
phase
Withdrawal: 021204 A2 Date application deemed withdrawn: 20020503
LANGUAGE (Publication,Procedural,Application): English; English; English

7/5/2 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00799787 **Image available**
ARCHITECTURES FOR NETCENTRIC COMPUTING SYSTEMS
ARCHITECTURES DESTINEES A DES SYSTEMES INFORMATIQUES S'ARTICULANT AUTOUR
D'INTERNET
Patent Applicant/Assignee:
ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60603, US, US

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Inventor(s):

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DEGIORGIO Chris M, 860 W. Buckingham, #2W, Chicago, IL 60657, US,
JOHNSON Lizbeth Coleman, 3155 Palm Tree Drive, Lithonia, GA 30038, US,

Legal Representative:

MCCONNELL Dean E (agent), Brinks Hofer Gilson & Lione, One Indiana Square, Suite 2425, Indianapolis, IN 46204, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200133349 A2-A3 20010510 (WO 0133349)

Application: WO 2000US30519 20001103 (PCT/WO US0030519)

Priority Application: US 99163477 19991103; US 2000676227 20000929

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-009/44

International Patent Class (v7): G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 87917

English Abstract

An execution architecture, a development architecture and an operations architecture for a netcentric computing system. The execution architecture contains common, run-time services required when an application executes in the netcentric computing system. The development architecture is the production environment for one or several systems development projects as well as for maintenance efforts. The purpose of the development environment is to support the tasks involved in the analysis, design, construction, and maintenance of business systems, as well as the associated management processes. It is important to note that the environment should adequately support all the development tasks, not just the code/compile/test/debug cycle. The operations architecture is a combination of tools and support services required to keep a production system up and running efficiently.

French Abstract

L'invention concerne une architecture d'execution, une architecture de developpement et une architecture d'operations destinees a un systeme informatique s'articulant autour d'Internet. L'architecture d'execution contient des services d'execution communs necessaires lors de l'execution d'une application dans l'edit systeme informatique. L'architecture de developpement constitue l'environnement de production pour au moins un projet de developpement de systemes ainsi que pour les efforts de maintenance. L'objectif de l'environnement de developpement et de supporter les taches impliquees dans l'analyse, la conception, la construction et la maintenance de systemes de gestion, ainsi que dans les

processus de gestions associes. Il est important de remarquer que l'environnement doit supporter convenablement toutes les taches de developpement, et pas seulement le cycle codage/compilation/test/debogage. L'architecture des operations est une combinaison d'outils et des services de support necessaires a maintenir en service efficacement un systeme de production.

Legal Status (Type, Date, Text)

Publication 20010510 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010913 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20020530 Late publication of international search report
Republication 20020530 A3 with international search report.

7/5/3 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
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00792413 **Image available**

OPERATIONS ARCHITECTURES FOR NETCENTRIC COMPUTING SYSTEMS
ARCHITECTURES D'OPERATIONS POUR SYSTEMES INFORMATIQUES BASES SUR LE NET

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)
DEGIORGIO Christopher M , 860 West Buckingham #2W, Chicago, IL 60657, US
, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

MCCONNELL Dean E (agent), Brinks Hofer Gilson & Lione, One Indiana Square, Suite 2425, Indianapolis, IN 46204, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200125914 A2-A3 20010412 (WO 0125914)

Application: WO 2000US26692 20000929 (PCT/WO US0026692)

Priority Application: US 99156962 19991001

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-009/445

International Patent Class (v7): G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13016

English Abstract

An operations architecture for a netcentric computing system including a server connected with a client. The preferred operations architecture includes a software distribution tool, a configuration and asset management tool, a fault management and recovery management tool, a capacity planning tool, a performance management tool, a license management tool, a remote management tool, an event management tool, a

systems monitoring and tuning tool, a security tool, a user administration tool, a production control application set and a help desk tool that support the server and the client in the netcentric computing system.

French Abstract

L'invention concerne une architecture d'operations destinee a un systeme informatique base sur le net qui comprend un serveur connecte a un client. L'architecture d'operations preferee comprend un outil de distribution de logiciel, un outil de configuration et de gestion de l'actif, un outil de gestion des pannes et des recouvrements, un outil de planification, un outil de gestion des resultats, un outil de gestion de licences, un outil de telegestion, un outil de gestion des activites speciales, un outil de traitement et de reglage des systemes, un outil de securite, un outil de gestion personnelle, un ensemble d'applications de controle de la production et un outil de service d'assistance qui soutient le serveur et le client dans un systeme informatique base sur le net.

Legal Status (Type, Date, Text)

Publication 20010412 A2 Without international search report and to be republished upon receipt of that report.
Examination 20010809 Request for preliminary examination prior to end of 19th month from priority date
Search Rpt 20020117 Late publication of international search report
Republication 20020117 A3 With international search report.
>>>Format 69 is not valid in file 348

7/69/4 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0010846413 - Drawing available
WPI ACC NO: 2001-464818/200150

Related WPI Acc No: 2001-343528; 2001-355373; 2001-441286; 2001-464815;
2001-464816; 2001-536074; 2001-536075; 2001-536076; 2001-536093;
2001-536098; 2001-536099; 2001-564844; 2001-610971; 2001-615934

XRPX Acc No: N2001-344809

Operations architecture for net centric computing system, includes management tool, systems monitoring and tuning tool, security tool, software distribution tool that support client and server

Patent Assignee: ACCENTURE LLP (ACCE-N); ANDERSEN CONSULTING LLP (ANDE-N)
Inventor: DEGIORGIO C M ; KALTENMARK J K

Patent Family (2 patents, 92 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2001025914	A2	20010412	WO 2000US26692	A	20000929	200150 B
AU 200078373	A	20010510	AU 200078373	A	20000929	200150 E

Priority Applications (no., kind, date): US 1999156962 P 19991001

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001025914	A2	EN	41	3	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY
BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH
GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
AU 200078373 A EN Based on OPI patent WO 2001025914

Alerting Abstract WO A2

NOVELTY - The operations architecture includes a software distribution tool, a configuration and asset management tool, a fault and recovery

management tool, a capacity planning tool, a performance management tool, a license management tool, a remote management tool, an event management tool, a systems monitoring and tuning tool, and a security tool that support a client (14) and a server (16).

DESCRIPTION - The architecture also includes a user administration tool, a production control application set and a help desk tool that are used to support the server and the client. An INDEPENDENT CLAIM is also included for a method of providing an operations architecture for a net centric computing system.

USE - For net centric computing system.

ADVANTAGE - Provides users of applications on the net centric computing system with assistance during times of need. Enables scheduling and handling production processes on the net centric computing system. Provides security to the resources of the net centric computing system.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the operations architecture for a net centric computing system.

14 Client

16 Server

Title Terms/Index Terms/Additional Words: OPERATE; ARCHITECTURE; NET; CENTRE; COMPUTATION; SYSTEM; MANAGEMENT; TOOL; MONITOR; TUNE; SECURE; SOFTWARE; DISTRIBUTE; SUPPORT; CLIENT; SERVE

Class Codes

International Classification (Main): G06F-009/445

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F01B; T01-F02C; T01-F05B; T01-F05G5; T01-H07C3E ; T01-H07C5S; T01-J05A2; T01-M02A1B

7/69/5 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0010824070 - Drawing available

WPI ACC NO: 2001-441286/200147

Related WPI Acc No: 2001-464815; 2001-464816; 2001-464818; 2001-536075; 2001-536076; 2001-536093; 2001-536099; 2006-107463

XRPX Acc No: N2001-326471

Computer-based transaction execution architecture for netcentric computing system in business establishments, provides presentation services, from server which provides base services

Patent Assignee: ACCENTURE ANS (ACCE-N); ACCENTURE LLP (ACCE-N)

Inventor: ALAIRYS T D; AURIEMMA R; BOWEN M T; COLEMAN L J; DEGIORGIO C M ; GOODMAN M; JOHNSON L C; MESOY T; REITER S R; SIGMUND L; TAYLOR S J

Patent Family (5 patents, 93 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
WO 2001033349	A2	20010510	WO 2000US30519	A	20001103	200147 B
AU 200113617	A	20010514	AU 200113617	A	20001103	200149 E
EP 1226495	A2	20020731	EP 2000975590	A	20001103	200257 E
			WO 2000US30519	A	20001103	
US 20060059253	A1	20060316	US 1999156962	P	19991001	200623 E
			US 1999163477	P	19991103	
			US 2000676227	A	20000929	
			US 2000706012	A	20001103	
			US 2005238895	A	20050929	
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			US 1999163477	P	19991103	
			US 2000676227	A	20000929	
			US 2000706012	A	20001103	

Priority Applications (no., kind, date): US 2005238895 A 20050929; US

2000706012 A 20001103; US 1999156962 P 19991001; US 1999163477 P
19991103; US 2000676227 A 20000929

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001033349	A2	EN	245	53	
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200113617	A	EN			Based on OPI patent WO 2001033349
EP 1226495	A2	EN			PCT Application WO 2000US30519
					Based on OPI patent WO 2001033349
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
US 20060059253	A1	EN			Related to Provisional US 1999156962
					Related to Provisional US 1999163477
					C-I-P of application US 2000676227
					Continuation of application US
2000706012					
US 7020697	B1	EN			Related to Provisional US 1999156962
					Related to Provisional US 1999163477
					C-I-P of application US 2000676227

Alerting Abstract WO A2

NOVELTY - The execution architecture has a client coupled to a server. The client comprises services like presentation, information, communication, communication fabrication, transaction, environment and business logic services. The server comprises services like base, information, communication fabrication, transaction, environment and business logic services.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. Developing architecture;
2. Operations architecture

USE - For executing computer-based transaction in netcentric computing system for business establishments.

ADVANTAGE - By using execution architecture in netcentric computing system, the ability to digitize, organize and deliver textual, graphical and other information along with traditional data to a broader audience is improved. Provides application version checking and dynamic updating capabilities and executes application with the client which runs on multiple operating systems and hardware platforms.

DESCRIPTION OF DRAWINGS - The figure shows block diagram of architecture for netcentric computing system.

Title Terms/Index Terms/Additional words: COMPUTER; BASED; TRANSACTION;
EXECUTE; ARCHITECTURE; COMPUTATION; SYSTEM; BUSINESS; ESTABLISH; PRESENT;
SERVICE; SERVE; BASE

Class Codes

International Classification (Main): G06F-009/44

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0011/00 A I L B 20060101

G06F-0015/16 A I F B 20060101

G06F-0015/173 A I F B 20060101

G06F-0015/16 C I F B 20060101

US Classification, Issued: 709223000, 709223000, 709229000, 714001000

File Segment: EPI;

DWPI Class: T01
Manual Codes (EPI/S-X): T01-F05G; T01-H07C3; T01-H07C5S; T01-J05A1;
T01-J05A2; T01-M02A1B



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272-3527, RND 4B28

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- I am an examiner in Workgroup: Example: 2133
- Relevant prior art **found**, search results used as follows:
- 102 rejection
 - 103 rejection
 - Cited as being of interest.
 - Helped examiner better understand the invention.
 - Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- Foreign Patent(s)
- Non-Patent Literature
(Journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- Results verified the lack of relevant prior art (helped determine patentability).
- Results were not useful in determining patentability or understanding the invention.

Comments:

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